Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053123\
Data File : BG057625.D
Acq On : 31 May 2023 17:18
Operator : CG/JU
Sample : 02953-03MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PNNL-RH-524-1MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023

Quant Time: Jun 01 03:55:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 01 03:51:58 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.337	152	26079	20.000	ng		0.00
21) Naphthalene-d8	11.174	136	100846	20.000	ng		0.00
39) Acenaphthene-d10	14.957	164	72844	20.000	ng		0.00
64) Phenanthrene-d10	17.695	188	186296	20.000	ng		0.00
76) Chrysene-d12	22.000	240	166281	20.000	ng		0.00
86) Perylene-d12	25.484	264	180395	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.864	112	204410	136.172	ng		0.00
7) Phenol-d6	7.491	99	273765	116.534	ng		0.00
23) Nitrobenzene-d5	9.523	82	194532	90.173	ng		0.00
42) 2,4,6-Tribromophenol	16.443	330	149960	128.583	ng		0.00
45) 2-Fluorobiphenyl	13.577	172	454752	89.717	ng		0.00
79) Terphenyl-d14	20.262	244	861032	89.697	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.661	88	24333	39.124	ng	#	52
3) Pyridine	4.089	79	48765	25.647	ng		99
4) n-Nitrosodimethylamine	3.990	42	33476	43.513	ng		88
6) Aniline	7.655	93	56048	19.721	ng		95
8) 2-Chlorophenol	7.902	128	76221	47.296	ng		97
9) Benzaldehyde	7.467	77	33855m	21.751	ng		
10) Phenol	7.520	94	92319	41.520	ng		98
11) bis(2-Chloroethyl)ether	7.737	93	72733	43.808	ng		99
12) 1,3-Dichlorobenzene	8.225	146	77858	45.348	ng		100
13) 1,4-Dichlorobenzene	8.372	146	78906	45.174	ng		99
14) 1,2-Dichlorobenzene	8.701	146	75508	44.319	ng		98
15) Benzyl Alcohol	8.578	79	81858	45.297	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.859	45	90836	44.061	ng		97
17) 2-Methylphenol	8.783	107	69818	42.759	ng		97
18) Hexachloroethane	9.435	117	27442	45.882	ng		91
19) n-Nitroso-di-n-propyla...	9.141	70	67222	41.187	ng		97
20) 3+4-Methylphenols	9.118	107	94939	41.419	ng		97
22) Acetophenone	9.171	105	125044	46.371	ng	#	97
24) Nitrobenzene	9.564	77	96825	44.216	ng		97
25) Isophorone	10.081	82	181962	42.913	ng		99
26) 2-Nitrophenol	10.281	139	44571	47.470	ng		100
27) 2,4-Dimethylphenol	10.328	122	79648	49.065	ng		94
28) bis(2-Chloroethoxy)met...	10.551	93	101580	46.199	ng		99
29) 2,4-Dichlorophenol	10.827	162	83663	49.071	ng		97
30) 1,2,4-Trichlorobenzene	11.033	180	85543	46.037	ng		96
31) Naphthalene	11.227	128	234217	43.905	ng		98
32) Benzoic acid	10.493	122	34799m	38.322	ng		
33) 4-Chloroaniline	11.338	127	21767	8.873	ng		96
34) Hexachlorobutadiene	11.491	225	58584	45.583	ng		96
35) Caprolactam	12.114	113	26185m	37.048	ng		
36) 4-Chloro-3-methylphenol	12.437	107	92668	45.918	ng		98
37) 2-Methylnaphthalene	12.807	142	174478	41.672	ng		99
38) 1-Methylnaphthalene	13.024	142	165768	41.488	ng		98
40) 1,2,4,5-Tetrachloroben...	13.171	216	115823	48.442	ng		99
41) Hexachlorocyclopentadiene	13.136	237	66793	97.057	ng		94
43) 2,4,6-Trichlorophenol	13.406	196	76590	50.882	ng		96

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053123\
Data File : BG057625.D
Acq On : 31 May 2023 17:18
Operator : CG/JU
Sample : 02953-03MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 01 03:55:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 01 03:51:58 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PNNL-RH-524-1MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.494	196	81015	45.190	ng		96
46) 1,1'-Biphenyl	13.794	154	251374	48.283	ng		99
47) 2-Chloronaphthalene	13.847	162	189808	48.402	ng		98
48) 2-Nitroaniline	14.047	65	64126	46.684	ng		98
49) Acenaphthylene	14.681	152	306159	46.105	ng		98
50) Dimethylphthalate	14.393	163	266905	44.457	ng		99
51) 2,6-Dinitrotoluene	14.528	165	60176	46.823	ng		95
52) Acenaphthene	15.022	154	184767	45.472	ng		95
53) 3-Nitroaniline	14.863	138	28612	21.345	ng	#	93
54) 2,4-Dinitrophenol	15.086	184	70602	90.080	ng		98
55) Dibenzofuran	15.351	168	310790	44.763	ng		99
56) 4-Nitrophenol	15.180	139	78542	87.941	ng		98
57) 2,4-Dinitrotoluene	15.315	165	86339	44.869	ng		98
58) Fluorene	15.997	166	258626	44.118	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.580	232	79505	47.337	ng		98
60) Diethylphthalate	15.738	149	271849	43.382	ng		99
61) 4-Chlorophenyl-phenyle...	15.973	204	147964	45.290	ng		100
62) 4-Nitroaniline	16.026	138	59165	40.917	ng		92
63) Azobenzene	16.267	77	252771	45.358	ng		99
65) 4,6-Dinitro-2-methylph...	16.085	198	55698	49.103	ng		94
66) n-Nitrosodiphenylamine	16.191	169	230235	47.549	ng		99
67) 4-Bromophenyl-phenylether	16.866	248	98322	47.050	ng		98
68) Hexachlorobenzene	17.001	284	107819	50.053	ng		99
69) Atrazine	17.125	200	98320	47.295	ng		100
70) Pentachlorophenol	17.354	266	103739	94.515	ng		97
71) Phenanthrene	17.736	178	444199	46.594	ng		99
72) Anthracene	17.830	178	453886	46.410	ng		99
73) Carbazole	18.094	167	411634	47.049	ng		98
74) Di-n-butylphthalate	18.611	149	480667	46.279	ng		99
75) Fluoranthene	19.727	202	542478	43.832	ng		99
77) Benzidine	19.909	184	58519m	11.630	ng		
78) Pyrene	20.085	202	550318	46.481	ng		100
80) Butylbenzylphthalate	20.931	149	206873	47.977	ng		98
81) Benzo(a)anthracene	21.977	228	541894	46.974	ng		98
82) 3,3'-Dichlorobenzidine	21.871	252	121827	28.638	ng		98
83) Chrysene	22.047	228	494494	45.360	ng		99
84) Bis(2-ethylhexyl)phtha...	21.813	149	294498	47.881	ng		99
85) Di-n-octyl phthalate	23.099	149	492473	48.305	ng		100
87) Indeno(1,2,3-cd)pyrene	29.531	276	607280	48.284	ng	#	93
88) Benzo(b)fluoranthene	24.368	252	538934	48.536	ng		98
89) Benzo(k)fluoranthene	24.444	252	529612	47.260	ng		99
90) Benzo(a)pyrene	25.320	252	474705	43.838	ng		99
91) Dibenzo(a,h)anthracene	29.578	278	503486	48.101	ng		99
92) Benzo(g,h,i)perylene	30.794	276	493518	48.344	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053123\
Data File : BG057625.D
Acq On : 31 May 2023 17:18
Operator : CG/JU
Sample : 02953-03MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 01 03:55:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 01 03:51:58 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PNNL-RH-524-1MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023