Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
Data File : BG060963.D
Acq On : 19 Apr 2024 17:36
Operator : MA/JU
Sample : P2189-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YARD-2MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

Quant Time: Apr 19 18:28:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 18 02:02:19 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.941	152	26480	20.000	ng		0.00
21) Naphthalene-d8	10.738	136	100551	20.000	ng	#	0.00
39) Acenaphthene-d10	14.568	164	81491	20.000	ng		0.00
64) Phenanthrene-d10	17.318	188	195994	20.000	ng	#	0.00
76) Chrysene-d12	21.578	240	189742	20.000	ng	#	0.00
86) Perylene-d12	24.698	264	228010	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.532	112	145113	95.188	ng		0.00
7) Phenol-d6	7.112	99	206748	94.141	ng		0.00
23) Nitrobenzene-d5	9.098	82	157528	71.122	ng		0.00
42) 2,4,6-Tribromophenol	16.061	330	195557	145.260	ng		0.00
45) 2-Fluorobiphenyl	13.194	172	433392	78.044	ng		0.00
79) Terphenyl-d14	19.939	244	891244	81.976	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.452	88	13424	21.783	ng	#	83
3) Pyridine	3.840	79	40216	20.511	ng	#	82
4) n-Nitrosodimethylamine	3.758	42	49805	39.806	ng	#	65
6) Aniline	7.271	93	60343	22.552	ng		98
8) 2-Chlorophenol	7.512	128	71031	40.956	ng		94
9) Benzaldehyde	7.089	77	3014	2.555	ng		82
10) Phenol	7.136	94	80386	36.523	ng		81
11) bis(2-Chloroethyl)ether	7.365	93	54608	31.986	ng		97
12) 1,3-Dichlorobenzene	7.835	146	70781	38.411	ng		98
13) 1,4-Dichlorobenzene	7.976	146	74445	39.462	ng		99
14) 1,2-Dichlorobenzene	8.293	146	73215	39.911	ng		98
15) Benzyl Alcohol	8.176	79	72330	38.286	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.458	45	130175	31.551	ng		98
17) 2-Methylphenol	8.382	107	61673	35.463	ng		95
18) Hexachloroethane	9.022	117	26699	39.857	ng		91
19) n-Nitroso-di-n-propyla...	8.746	70	53182	31.792	ng	#	84
20) 3+4-Methylphenols	8.711	107	86034	35.659	ng		96
22) Acetophenone	8.758	105	113369	39.592	ng	#	90
24) Nitrobenzene	9.139	77	86525	39.805	ng	#	97
25) Isophorone	9.662	82	148985	36.450	ng	#	96
26) 2-Nitrophenol	9.845	139	40142	43.958	ng	#	82
27) 2,4-Dimethylphenol	9.909	122	51825	32.210	ng		88
28) bis(2-Chloroethoxy)met...	10.144	93	78315	34.075	ng		98
29) 2,4-Dichlorophenol	10.385	162	78642	45.050	ng		99
30) 1,2,4-Trichlorobenzene	10.602	180	87032	46.511	ng		96
31) Naphthalene	10.790	128	220222	40.497	ng		99
32) Benzoic acid	10.062	122	55319	42.475	ng		93
33) 4-Chloroaniline	10.890	127	58301	22.876	ng		99
34) Hexachlorobutadiene	11.078	225	71409	53.681	ng		99
35) Caprolactam	11.672	113	24426m	37.924	ng		
36) 4-Chloro-3-methylphenol	12.018	107	88450	41.922	ng		97
37) 2-Methylnaphthalene	12.394	142	163367	39.711	ng		92
38) 1-Methylnaphthalene	12.612	142	155362	40.003	ng		98
40) 1,2,4,5-Tetrachloroben...	12.765	216	128411	51.065	ng		99
41) Hexachlorocyclopentadiene	12.747	237	113278	88.098	ng		97
43) 2,4,6-Trichlorophenol	13.000	196	84539	48.345	ng		98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
Data File : BG060963.D
Acq On : 19 Apr 2024 17:36
Operator : MA/JU
Sample : P2189-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 19 18:28:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 18 02:02:19 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
YARD-2MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.076	196	92448	43.839	ng		98
46) 1,1'-Biphenyl	13.405	154	245395	44.288	ng		96
47) 2-Chloronaphthalene	13.446	162	190934	45.023	ng		96
48) 2-Nitroaniline	13.640	65	70561	40.546	ng		93
49) Acenaphthylene	14.292	152	321731	44.865	ng		100
50) Dimethylphthalate	14.028	163	266601	41.227	ng		99
51) 2,6-Dinitrotoluene	14.139	165	55583	42.172	ng		95
52) Acenaphthene	14.633	154	183066	42.093	ng		95
53) 3-Nitroaniline	14.469	138	45302	31.312	ng	#	94
54) 2,4-Dinitrophenol	14.680	184	65358	77.784	ng		92
55) Dibenzofuran	14.968	168	313167	42.626	ng		95
56) 4-Nitrophenol	14.786	139	90210	81.437	ng	#	78
57) 2,4-Dinitrotoluene	14.933	165	84012	44.607	ng	#	95
58) Fluorene	15.620	166	260600	42.763	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.197	232	96835	49.985	ng	#	96
60) Diethylphthalate	15.397	149	262479	40.524	ng		99
61) 4-Chlorophenyl-phenyle...	15.614	204	152808	45.236	ng		98
62) 4-Nitroaniline	15.638	138	56677	36.433	ng	#	75
63) Azobenzene	15.908	77	228249	37.390	ng		90
65) 4,6-Dinitro-2-methylph...	15.696	198	49771	45.517	ng		95
66) n-Nitrosodiphenylamine	15.826	169	237217	44.090	ng		96
67) 4-Bromophenyl-phenylether	16.507	248	110424	50.293	ng		97
68) Hexachlorobenzene	16.625	284	135200	56.591	ng		96
69) Atrazine	16.783	200	98152	50.760	ng		95
70) Pentachlorophenol	16.971	266	173369	107.152	ng		97
71) Phenanthrene	17.359	178	450106	45.371	ng		99
72) Anthracene	17.453	178	447207	43.885	ng		99
73) Carbazole	17.718	167	374902	42.226	ng		99
74) Di-n-butylphthalate	18.293	149	437168	40.899	ng		99
75) Fluoranthene	19.369	202	565227	44.762	ng		96
77) Benzidine	19.551	184	253533	60.579	ng		97
78) Pyrene	19.733	202	584858	44.934	ng		99
80) Butylbenzylphthalate	20.632	149	192245	40.212	ng		94
81) Benzo(a)anthracene	21.560	228	603301	45.027	ng		99
82) 3,3'-Dichlorobenzidine	21.478	252	188881	39.586	ng		98
83) Chrysene	21.625	228	565223	44.182	ng		99
84) Bis(2-ethylhexyl)phtha...	21.490	149	276061	39.051	ng	#	99
85) Di-n-octyl phthalate	22.677	149	458618	37.598	ng		100
87) Indeno(1,2,3-cd)pyrene	28.235	276	747734	47.423	ng	#	91
88) Benzo(b)fluoranthene	23.711	252	599454	46.467	ng	#	96
89) Benzo(k)fluoranthene	23.781	252	587619	44.525	ng	#	96
90) Benzo(a)pyrene	24.551	252	560124	44.038	ng	#	97
91) Dibenzo(a,h)anthracene	28.305	278	598408	46.107	ng	#	96
92) Benzo(g,h,i)perylene	29.339	276	538000	42.401	ng	#	94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
Data File : BG060963.D
Acq On : 19 Apr 2024 17:36
Operator : MA/JU
Sample : P2189-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 19 18:28:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 18 02:02:19 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
YARD-2MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024