Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062321\
Data File : BG049070.D
Acq On : 23 Jun 2021 20:54
Operator : CG/JU
Sample : M2795-07MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B4-0-2MS

Manual Integrations APPROVED
mohammad
6/24/2021 9:50:22 AM

Quant Time: Jun 24 02:18:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 16 12:04:50 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.103	152	29855	20.000	ng		#-0.01
21) Naphthalene-d8	10.929	136	120664	20.000	ng		#-0.01
39) Acenaphthene-d10	14.748	164	94372	20.000	ng		-0.01
64) Phenanthrene-d10	17.498	188	238382	20.000	ng		#-0.01
76) Chrysene-d12	21.781	240	235088	20.000	ng		-0.02
86) Perylene-d12	25.107	264	254035	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.659	112	40527	21.131	ng		0.00
7) Phenol-d6	7.257	99	66197	23.029	ng		-0.01
23) Nitrobenzene-d5	9.272	82	50862	18.176	ng		-0.01
42) 2,4,6-Tribromophenol	16.235	330	22057	15.776	ng		-0.01
45) 2-Fluorobiphenyl	13.368	172	115540	17.295	ng		-0.02
79) Terphenyl-d14	20.101	244	245526	19.127	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.532	88	11755	12.555	ng	#	60
3) Pyridine	3.943	79	29741	11.709	ng		92
4) n-Nitrosodimethylamine	3.855	42	23110	19.000	ng	#	77
6) Aniline	7.422	93	42527	11.748	ng		93
8) 2-Chlorophenol	7.668	128	37417	17.701	ng		86
9) Benzaldehyde	7.234	77	28150	18.925	ng	#	77
10) Phenol	7.287	94	51877	17.469	ng		86
11) bis(2-Chloroethyl)ether	7.516	93	35188	15.970	ng		81
12) 1,3-Dichlorobenzene	7.992	146	39748	16.832	ng		95
13) 1,4-Dichlorobenzene	8.144	146	39215	16.657	ng		100
14) 1,2-Dichlorobenzene	8.462	146	40585	17.920	ng		88
15) Benzyl Alcohol	8.338	79	40842	15.514	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.632	45	61437	14.737	ng		86
17) 2-Methylphenol	8.544	107	32896	16.892	ng		92
18) Hexachloroethane	9.196	117	16429	17.395	ng		95
19) n-Nitroso-di-n-propyla...	8.908	70	34424	15.321	ng	#	89
20) 3+4-Methylphenols	8.873	107	45781	17.194	ng		97
22) Acetophenone	8.932	105	65281	17.783	ng	#	97
24) Nitrobenzene	9.314	77	51711	16.405	ng		98
25) Isophorone	9.842	82	85546	14.032	ng		97
26) 2-Nitrophenol	10.030	139	20423	19.101	ng		95
27) 2,4-Dimethylphenol	10.089	122	37536	19.362	ng		89
28) bis(2-Chloroethoxy)met...	10.324	93	45757	16.209	ng	#	89
29) 2,4-Dichlorophenol	10.571	162	36978	17.002	ng		90
30) 1,2,4-Trichlorobenzene	10.788	180	44262	17.751	ng		91
31) Naphthalene	10.976	128	117717	16.376	ng		97
32) Benzoic acid	10.148	122	3617m	2.856	ng		
33) 4-Chloroaniline	11.082	127	34189	11.201	ng		96
34) Hexachlorobutadiene	11.264	225	31484	17.715	ng		95
35) Caprolactam	11.840	113	12734	20.255	ng	#	26
36) 4-Chloro-3-methylphenol	12.198	107	47454	17.851	ng	#	92
37) 2-Methylnaphthalene	12.580	142	89847	16.547	ng		93
38) 1-Methylnaphthalene	12.798	142	85063	16.687	ng		94
40) 1,2,4,5-Tetrachloroben...	12.945	216	52710	17.589	ng		96
41) Hexachlorocyclopentadiene	12.927	237	72876	37.830	ng		89
43) 2,4,6-Trichlorophenol	13.180	196	37745	18.825	ng		91

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062321\
Data File : BG049070.D
Acq On : 23 Jun 2021 20:54
Operator : CG/JU
Sample : M2795-07MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B4-0-2MS

Manual Integrations APPROVED
mohammad
6/24/2021 9:50:22 AM

Quant Time: Jun 24 02:18:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 16 12:04:50 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.256	196	42126	20.318	ng		93
46) 1,1'-Biphenyl	13.579	154	119973	17.243	ng		99
47) 2-Chloronaphthalene	13.626	162	92386	16.628	ng		99
48) 2-Nitroaniline	13.820	65	35983	20.725	ng		88
49) Acenaphthylene	14.472	152	152102	16.428	ng		96
50) Dimethylphthalate	14.196	163	134155	18.250	ng	#	97
51) 2,6-Dinitrotoluene	14.314	165	28613	19.113	ng		93
52) Acenaphthene	14.813	154	103448	17.335	ng		99
53) 3-Nitroaniline	14.637	138	22329	14.732	ng		95
54) 2,4-Dinitrophenol	14.842	184	15540	22.410	ng		96
55) Dibenzofuran	15.148	168	156506	16.872	ng		98
56) 4-Nitrophenol	14.954	139	52487	42.477	ng		87
57) 2,4-Dinitrotoluene	15.095	165	42985	23.376	ng	#	95
58) Fluorene	15.794	166	131249	17.303	ng		92
59) 2,3,4,6-Tetrachlorophenol	15.371	232	41932	19.980	ng	#	98
60) Diethylphthalate	15.553	149	147499	18.526	ng		98
61) 4-Chlorophenyl-phenyle...	15.783	204	71878	18.122	ng		96
62) 4-Nitroaniline	15.806	138	32099	20.941	ng	#	81
63) Azobenzene	16.076	77	144747	15.889	ng		89
65) 4,6-Dinitro-2-methylph...	15.859	198	19797	17.513	ng		91
66) n-Nitrosodiphenylamine	15.994	169	117426	15.807	ng		97
67) 4-Bromophenyl-phenylether	16.681	248	51753	17.387	ng		93
68) Hexachlorobenzene	16.799	284	59317	18.387	ng		94
69) Atrazine	16.940	200	52969	22.213	ng		97
70) Pentachlorophenol	17.140	266	67436	34.782	ng		94
71) Phenanthrene	17.539	178	238790	17.803	ng		96
72) Anthracene	17.627	178	240043	17.810	ng		97
73) Carbazole	17.898	167	217551	16.839	ng		98
74) Di-n-butylphthalate	18.450	149	268331	18.518	ng		98
75) Fluoranthene	19.543	202	301824	18.660	ng		99
77) Benzidine	19.719	184	160962	33.988	ng		96
78) Pyrene	19.907	202	306080	17.938	ng		98
80) Butylbenzylphthalate	20.788	149	113696	17.661	ng		93
81) Benzo(a)anthracene	21.764	228	303033	17.953	ng		98
82) 3,3'-Dichlorobenzidine	21.676	252	75581	14.002	ng		96
83) Chrysene	21.828	228	284151	17.558	ng		100
84) Bis(2-ethylhexyl)phtha...	21.664	149	161760	17.627	ng		98
85) Di-n-octyl phthalate	22.915	149	277390	17.823	ng		97
87) Indeno(1,2,3-cd)pyrene	28.897	276	357131	18.680	ng		97
88) Benzo(b)fluoranthene	24.049	252	319591m	17.648	ng		
89) Benzo(k)fluoranthene	24.114	252	307307	17.886	ng		99
90) Benzo(a)pyrene	24.948	252	310089	18.758	ng	#	98
91) Dibenzo(a,h)anthracene	28.973	278	303407	18.989	ng	#	98
92) Benzo(g,h,i)perylene	30.078	276	300370	18.643	ng		97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062321\
Data File : BG049070.D
Acq On : 23 Jun 2021 20:54
Operator : CG/JU
Sample : M2795-07MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 24 02:18:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 16 12:04:50 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
B4-0-2MS

Manual Integrations APPROVED
mohammad
6/24/2021 9:50:22 AM