Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062121\
Data File : BG049033.D
Acq On : 21 Jun 2021 15:19
Operator : CG/JU
Sample : M2777-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
X-1MSD

Manual Integrations APPROVED
mohammad
6/23/2021 11:29:44 AM

Quant Time: Jun 21 15:58:22 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	8.117	152	38154	20.000	ng		0.00
21) Naphthalene-d8	10.943	136	146354	20.000	ng	#	0.00
39) Acenaphthene-d10	14.774	164	109591	20.000	ng	#	0.02
64) Phenanthrene-d10	17.518	188	201990	20.000	ng	#	0.00
76) Chrysene-d12	21.801	240	209223	20.000	ng		0.00
86) Perylene-d12	25.127	264	232473	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.673	112	278579	113.660	ng		0.00
7) Phenol-d6	7.271	99	364222	99.147	ng		0.00
23) Nitrobenzene-d5	9.286	82	256766	75.650	ng		0.00
42) 2,4,6-Tribromophenol	16.260	330	172009	105.939	ng		0.02
45) 2-Fluorobiphenyl	13.387	172	461307	59.464	ng		0.00
79) Terphenyl-d14	20.115	244	720388	63.058	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.546	88	43518	36.369	ng	#	74
3) Pyridine	3.951	79	105776	32.587	ng		90
4) n-Nitrosodimethylamine	3.863	42	85515	55.014	ng	#	77
6) Aniline	7.436	93	144806	31.301	ng	#	90
8) 2-Chlorophenol	7.682	128	126172	46.704	ng		90
9) Benzaldehyde	7.247	77	105077	55.278	ng	#	75
10) Phenol	7.300	94	165954	43.728	ng		92
11) bis(2-Chloroethyl)ether	7.530	93	120463	42.781	ng	#	76
12) 1,3-Dichlorobenzene	8.005	146	140159	46.444	ng		97
13) 1,4-Dichlorobenzene	8.152	146	140103	46.566	ng		97
14) 1,2-Dichlorobenzene	8.475	146	137324	47.445	ng		91
15) Benzyl Alcohol	8.352	79	141702	42.118	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.640	45	222082	41.683	ng		92
17) 2-Methylphenol	8.558	107	112480	45.194	ng		98
18) Hexachloroethane	9.233	117	131184	108.685	ng	#	1
19) n-Nitroso-di-n-propyla...	8.928	70	127752	44.490	ng	#	95
20) 3+4-Methylphenols	8.887	107	150480	44.223	ng		93
22) Acetophenone	8.934	105	528114	118.607	ng	#	70
24) Nitrobenzene	9.327	77	187653	49.082	ng	#	96
25) Isophorone	9.856	82	330220	44.658	ng	#	74
26) 2-Nitrophenol	10.044	139	70953	54.710	ng	#	82
27) 2,4-Dimethylphenol	10.103	122	115852	49.270	ng		95
28) bis(2-Chloroethoxy)met...	10.338	93	151450	44.233	ng	#	88
29) 2,4-Dichlorophenol	10.591	162	131969	50.027	ng		94
30) 1,2,4-Trichlorobenzene	10.802	180	147988	48.931	ng		96
31) Naphthalene	10.996	128	431216	49.457	ng	#	91
32) Benzoic acid	10.256	122	84695	55.146	ng	#	68
33) 4-Chloroaniline	11.096	127	105680	28.546	ng	#	90
34) Hexachlorobutadiene	11.278	225	108904	50.522	ng		95
35) Caprolactam	11.871	113	34821	45.664	ng	#	1
36) 4-Chloro-3-methylphenol	12.218	107	140024	43.427	ng	#	91
37) 2-Methylnaphthalene	12.600	142	391673	59.473	ng	#	91
38) 1-Methylnaphthalene	12.817	142	400160	64.721	ng	#	93
40) 1,2,4,5-Tetrachloroben...	12.976	216	168441	48.403	ng		98
41) Hexachlorocyclopentadiene	12.947	237	268971	120.233	ng		92
43) 2,4,6-Trichlorophenol	13.199	196	108743	46.703	ng		91

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062121\
Data File : BG049033.D
Acq On : 21 Jun 2021 15:19
Operator : CG/JU
Sample : M2777-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
X-1MSD

Manual Integrations APPROVED
mohammad
6/23/2021 11:29:44 AM

Quant Time: Jun 21 15:58:22 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	13.282	196	116708	48.474	ng	#	81
46) 1,1'-Biphenyl	13.605	154	449370	55.618	ng		98
47) 2-Chloronaphthalene	13.652	162	278007	43.088	ng		95
48) 2-Nitroaniline	13.840	65	108699	46.390	ng		90
49) Acenaphthylene	14.498	152	452187	42.057	ng		98
50) Dimethylphthalate	14.222	163	350028	41.003	ng	#	98
51) 2,6-Dinitrotoluene	14.339	165	81746m	47.022	ng		
52) Acenaphthene	14.839	154	290632	41.939	ng	#	90
53) 3-Nitroaniline	14.668	138	75579	42.941	ng	#	81
54) 2,4-Dinitrophenol	14.880	184	98318	122.092	ng		96
55) Dibenzofuran	15.168	168	449403	41.719	ng	#	85
56) 4-Nitrophenol	14.980	139	165305m	115.201	ng		
57) 2,4-Dinitrotoluene	15.127	165	109492	51.275	ng	#	95
58) Fluorene	15.820	166	432936	49.149	ng	#	88
59) 2,3,4,6-Tetrachlorophenol	15.397	232	106362	43.643	ng	#	1
60) Diethylphthalate	15.579	149	374121	40.464	ng		97
61) 4-Chlorophenyl-phenyle...	15.814	204	196339	42.627	ng		88
62) 4-Nitroaniline	15.826	138	82455	46.323	ng	#	81
63) Azobenzene	16.102	77	400175	37.828	ng		88
65) 4,6-Dinitro-2-methylph...	15.890	198	63780	66.587	ng	#	13
66) n-Nitrosodiphenylamine	16.025	169	548902	87.199	ng		86
67) 4-Bromophenyl-phenylether	16.701	248	124761	49.467	ng		93
68) Hexachlorobenzene	16.836	284	140800	51.508	ng		95
69) Atrazine	16.966	200	150992	74.730	ng		96
70) Pentachlorophenol	17.171	266	179435	109.224	ng		95
71) Phenanthrene	17.565	178	566463	49.841	ng		98
72) Anthracene	17.653	178	559466	48.987	ng		96
73) Carbazole	17.917	167	484721	44.278	ng	#	90
74) Di-n-butylphthalate	18.470	149	563487	45.892	ng		98
75) Fluoranthene	19.568	202	603506	44.034	ng		98
77) Benzidine	19.739	184	405846	96.291	ng	#	93
78) Pyrene	19.927	202	659085	43.401	ng		95
80) Butylbenzylphthalate	20.802	149	263618	46.010	ng		94
81) Benzo(a)anthracene	21.783	228	685907	45.660	ng		99
82) 3,3'-Dichlorobenzidine	21.689	252	131471	27.368	ng	#	97
83) Chrysene	21.854	228	661922	45.956	ng		98
84) Bis(2-ethylhexyl)phtha...	21.684	149	389879	47.739	ng		96
85) Di-n-octyl phthalate	22.935	149	681168	49.177	ng	#	93
87) Indeno(1,2,3-cd)pyrene	28.957	276	891609	50.962	ng	#	97
88) Benzo(b)fluoranthene	24.075	252	747624	45.113	ng	#	95
89) Benzo(k)fluoranthene	24.145	252	732404	46.580	ng		99
90) Benzo(a)pyrene	24.974	252	739834	48.907	ng	#	97
91) Dibenzo(a,h)anthracene	29.022	278	748557	51.194	ng	#	95
92) Benzo(g,h,i)perylene	30.150	276	742086	50.330	ng		97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062121\
Data File : BG049033.D
Acq On : 21 Jun 2021 15:19
Operator : CG/JU
Sample : M2777-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 21 15:58:22 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 :
X-1MSD

Manual Integrations APPROVED
mohammad
6/23/2021 11:29:44 AM