Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011924\
Data File : BG060376.D
Acq On : 19 Jan 2024 19:43
Operator : MA/JU
Sample : P1159-03MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-011724MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024

Quant Time: Jan 20 06:34:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 09 04:07:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.932	152	217890	20.000	ng		0.00
21) Naphthalene-d8	10.735	136	974658	20.000	ng		0.00
39) Acenaphthene-d10	14.572	164	705205	20.000	ng		0.00
64) Phenanthrene-d10	17.321	188	1665009	20.000	ng		0.00
76) Chrysene-d12	21.587	240	1387222	20.000	ng		0.00
86) Perylene-d12	24.760	264	1556986	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.506	112	1621965	122.437	ng		0.00
7) Phenol-d6	7.098	99	2044236	104.212	ng		0.00
23) Nitrobenzene-d5	9.096	82	1703492	82.530	ng		0.00
42) 2,4,6-Tribromophenol	16.064	330	1329064	128.095	ng		0.00
45) 2-Fluorobiphenyl	13.191	172	3925368	77.389	ng		0.00
79) Terphenyl-d14	19.936	244	5140985	99.800	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.414	88	216068	35.706	ng	#	68
3) Pyridine	3.808	79	657487	38.510	ng		89
4) n-Nitrosodimethylamine	3.720	42	227270	42.533	ng		100
6) Aniline	7.257	93	210587	10.740	ng		96
8) 2-Chlorophenol	7.498	128	532945	40.594	ng		94
9) Benzaldehyde	7.069	77	284634m	25.279	ng		
10) Phenol	7.127	94	725879	36.907	ng		98
11) bis(2-Chloroethyl)ether	7.351	93	566264	35.333	ng		96
12) 1,3-Dichlorobenzene	7.821	146	587801	35.670	ng		98
13) 1,4-Dichlorobenzene	7.968	146	604557	36.158	ng		99
14) 1,2-Dichlorobenzene	8.285	146	645197	37.528	ng		99
15) Benzyl Alcohol	8.167	79	479473	37.760	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.443	45	771303	39.652	ng		98
17) 2-Methylphenol	8.373	107	546720	40.472	ng		98
18) Hexachloroethane	9.013	117	235208	40.123	ng		94
19) n-Nitroso-di-n-propyla...	8.731	70	512862	37.776	ng		97
20) 3+4-Methylphenols	8.702	107	761452	41.806	ng		99
22) Acetophenone	8.755	105	985898	36.799	ng	#	99
24) Nitrobenzene	9.137	77	734782	34.340	ng		95
25) Isophorone	9.654	82	1422494	34.317	ng		99
26) 2-Nitrophenol	9.848	139	330159	41.966	ng		94
27) 2,4-Dimethylphenol	9.906	122	470800	45.289	ng		98
28) bis(2-Chloroethoxy)met...	10.136	93	895176	35.345	ng		99
29) 2,4-Dichlorophenol	10.382	162	688527	40.872	ng		98
30) 1,2,4-Trichlorobenzene	10.600	180	748991	35.738	ng		92
31) Naphthalene	10.788	128	1841652	36.047	ng		99
32) Benzoic acid	10.042	122	330108m	38.517	ng		
33) 4-Chloroaniline	10.894	127	57625	2.927	ng		96
34) Hexachlorobutadiene	11.064	225	466167	34.145	ng		99
35) Caprolactam	11.669	113	206534m	38.065	ng		
36) 4-Chloro-3-methylphenol	12.022	107	674252	39.398	ng		99
37) 2-Methylnaphthalene	12.392	142	1380133	36.423	ng		98
38) 1-Methylnaphthalene	12.615	142	1320124	34.695	ng		99
40) 1,2,4,5-Tetrachloroben...	12.762	216	934441	37.310	ng		99
41) Hexachlorocyclopentadiene	12.738	237	530639	63.815	ng		98
43) 2,4,6-Trichlorophenol	13.003	196	638636	40.068	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.079	196	680833	38.727	ng		97
46) 1,1'-Biphenyl	13.402	154	1973566	37.075	ng		98
47) 2-Chloronaphthalene	13.444	162	1650667	36.197	ng		99
48) 2-Nitroaniline	13.649	65	455383	40.098	ng		97
49) Acenaphthylene	14.295	152	2543057	40.496	ng		99
50) Dimethylphthalate	14.025	163	1932331	35.857	ng		99
51) 2,6-Dinitrotoluene	14.143	165	435508	37.873	ng		96
52) Acenaphthene	14.636	154	1447716	37.023	ng		99
53) 3-Nitroaniline	14.478	138	105358	10.055	ng		96
54) 2,4-Dinitrophenol	14.683	184	336834	51.713	ng		97
55) Dibenzofuran	14.971	168	2498521	38.276	ng		98
56) 4-Nitrophenol	14.789	139	680075	87.504	ng		99
57) 2,4-Dinitrotoluene	14.936	165	619345	39.277	ng		92
58) Fluorene	15.617	166	2019637	37.361	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.194	232	616138	41.273	ng		99
60) Diethylphthalate	15.388	149	1907150	36.863	ng		98
61) 4-Chlorophenyl-phenyle...	15.612	204	1086298	36.479	ng		99
62) 4-Nitroaniline	15.641	138	395617	35.475	ng		96
63) Azobenzene	15.905	77	1918767	36.668	ng		99
65) 4,6-Dinitro-2-methylph...	15.700	198	273421	29.684	ng		97
66) n-Nitrosodiphenylamine	15.829	169	1744858	39.467	ng		99
67) 4-Bromophenyl-phenylether	16.505	248	710362	38.828	ng		97
68) Hexachlorobenzene	16.622	284	788448	36.408	ng		98
69) Atrazine	16.775	200	569508	34.163	ng		99
70) Pentachlorophenol	16.969	266	973792	83.422	ng		93
71) Phenanthrene	17.362	178	3149253	39.131	ng		97
72) Anthracene	17.451	178	3225824	40.147	ng		98
73) Carbazole	17.721	167	2864511	37.815	ng		97
74) Di-n-butylphthalate	18.279	149	3163966	40.594	ng		98
75) Fluoranthene	19.378	202	3532803	36.548	ng		94
77) Benzidine	19.583	184	1324254m	43.940	ng		
78) Pyrene	19.736	202	3620765	40.872	ng		93
80) Butylbenzylphthalate	20.623	149	1409285	46.240	ng		97
81) Benzo(a)anthracene	21.563	228	3467204	40.373	ng		96
82) 3,3'-Dichlorobenzidine	21.481	252	588421	17.891	ng		97
83) Chrysene	21.634	228	3281423	38.850	ng		95
84) Bis(2-ethylhexyl)phtha...	21.469	149	2048012	44.469	ng		98
85) Di-n-octyl phthalate	22.656	149	3488989	46.749	ng		100
87) Indeno(1,2,3-cd)pyrene	28.373	276	3409649	31.495	ng	#	81
88) Benzo(b)fluoranthene	23.749	252	3481009	37.845	ng		97
89) Benzo(k)fluoranthene	23.814	252	3605132	39.719	ng		97
90) Benzo(a)pyrene	24.607	252	3306315	39.792	ng		99
91) Dibenzo(a,h)anthracene	28.444	278	2978199	33.686	ng		100
92) Benzo(g,h,i)perylene	29.507	276	2427470m	26.789	ng		

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

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