Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082422\
Data File : BG054728.D
Acq On : 24 Aug 2022 20:35
Operator : CG/JU
Sample : N4283-02MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
337MSD

Quant Time: Aug 25 03:12:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 23 03:09:46 2022
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.155	152	39887	20.000	ng		0.00
21) Naphthalene-d8	10.981	136	177388	20.000	ng		0.00
39) Acenaphthene-d10	14.788	164	132597	20.000	ng		0.00
64) Phenanthrene-d10	17.532	188	311743	20.000	ng		0.00
76) Chrysene-d12	21.827	240	274505	20.000	ng		0.00
86) Perylene-d12	25.200	264	289716	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.693	112	339374	160.333	ng		0.00
7) Phenol-d6	7.303	99	441106	148.727	ng		0.00
23) Nitrobenzene-d5	9.330	82	307760	98.873	ng		0.00
42) 2,4,6-Tribromophenol	16.275	330	256547	241.594	ng		0.00
45) 2-Fluorobiphenyl	13.414	172	723633	80.480	ng		0.00
79) Terphenyl-d14	20.135	244	1351337	97.790	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.549	88	42380	38.942	ng	#	27
3) Pyridine	3.960	79	111135	36.474	ng		97
4) n-Nitrosodimethylamine	3.866	42	62986	47.190	ng	#	97
6) Aniline	7.473	93	134804	36.431	ng		99
8) 2-Chlorophenol	7.720	128	137304	60.904	ng		99
9) Benzaldehyde	7.285	77	78212	38.142	ng		97
10) Phenol	7.332	94	157941	51.411	ng		98
11) bis(2-Chloroethyl)ether	7.567	93	130692	49.771	ng		100
12) 1,3-Dichlorobenzene	8.043	146	138404	47.826	ng		99
13) 1,4-Dichlorobenzene	8.190	146	140101	48.041	ng		100
14) 1,2-Dichlorobenzene	8.513	146	137982	50.170	ng		99
15) Benzyl Alcohol	8.396	79	133118m	64.405	ng		
16) 2,2'-oxybis(1-Chloropr...	8.678	45	217246	53.323	ng		97
17) 2-Methylphenol	8.590	107	124519	60.117	ng		98
18) Hexachloroethane	9.248	117	51582	53.557	ng		97
19) n-Nitroso-di-n-propyla...	8.966	70	114905	55.065	ng		98
20) 3+4-Methylphenols	8.919	107	171248	61.934	ng		98
22) Acetophenone	8.983	105	213449	47.778	ng		99
24) Nitrobenzene	9.371	77	160732	50.226	ng		99
25) Isophorone	9.894	82	331424	55.865	ng		99
26) 2-Nitrophenol	10.088	139	77131	67.195	ng		96
27) 2,4-Dimethylphenol	10.135	122	144491m	66.769	ng		
28) bis(2-Chloroethoxy)met...	10.376	93	193918	55.334	ng		99
29) 2,4-Dichlorophenol	10.623	162	145865	62.821	ng		100
30) 1,2,4-Trichlorobenzene	10.840	180	139660	45.137	ng		99
31) Naphthalene	11.034	128	435677	45.636	ng		99
32) Benzoic acid	10.223	122	31319	31.819	ng		98
33) 4-Chloroaniline	11.140	127	37397	9.924	ng		95
34) Hexachlorobutadiene	11.310	225	86870	44.472	ng		97
35) Caprolactam	11.909	113	48034m	66.256	ng		
36) 4-Chloro-3-methylphenol	12.244	107	171886	69.664	ng		96
37) 2-Methylnaphthalene	12.626	142	323574	49.336	ng		100
38) 1-Methylnaphthalene	12.850	142	313648	49.451	ng		99
40) 1,2,4,5-Tetrachloroben...	12.991	216	176340	43.075	ng		99
41) Hexachlorocyclopentadiene	12.967	237	188091	110.538	ng		98
43) 2,4,6-Trichlorophenol	13.226	196	132584	61.647	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.296	196	147743	60.696	ng	98
46) 1,1'-Biphenyl	13.625	154	454567	45.306	ng	100
47) 2-Chloronaphthalene	13.672	162	339518	44.360	ng	99
48) 2-Nitroaniline	13.872	65	120659	62.633	ng	99
49) Acenaphthylene	14.518	152	585880	47.095	ng	100
50) Dimethylphthalate	14.236	163	488667	54.730	ng	99
51) 2,6-Dinitrotoluene	14.360	165	105563	65.005	ng	94
52) Acenaphthene	14.853	154	367718	48.211	ng	98
53) 3-Nitroaniline	14.689	138	69893	37.323	ng	96
54) 2,4-Dinitrophenol	14.894	184	32124	55.464	ng	97
55) Dibenzofuran	15.188	168	558474	48.316	ng	99
56) 4-Nitrophenol	14.988	139	166763	119.809	ng	96
57) 2,4-Dinitrotoluene	15.147	165	149714	60.458	ng	88
58) Fluorene	15.834	166	474992	49.709	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.405	232	133962	66.104	ng	97
60) Diethylphthalate	15.593	149	496959	57.059	ng	98
61) 4-Chlorophenyl-phenyle...	15.823	204	241102	50.953	ng	99
62) 4-Nitroaniline	15.852	138	110497m	54.146	ng	
63) Azobenzene	16.116	77	473052	48.905	ng	99
65) 4,6-Dinitro-2-methylph...	15.905	198	41918	44.019	ng	95
66) n-Nitrosodiphenylamine	16.034	169	432029	48.768	ng	99
67) 4-Bromophenyl-phenylether	16.716	248	168102	56.017	ng	98
68) Hexachlorobenzene	16.833	284	188169	49.696	ng	98
69) Atrazine	16.980	200	163743	62.373	ng	100
70) Pentachlorophenol	17.174	266	154848	74.155	ng	99
71) Phenanthrene	17.579	178	768781	46.265	ng	98
72) Anthracene	17.667	178	779419	48.405	ng	99
73) Carbazole	17.938	167	710006	49.562	ng	99
74) Di-n-butylphthalate	18.484	149	871209	57.005	ng	99
75) Fluoranthene	19.583	202	906941	46.295	ng	99
77) Benzidine	19.759	184	135012	22.653	ng	99
78) Pyrene	19.947	202	916475	47.332	ng	99
80) Butylbenzylphthalate	20.817	149	383856	58.980	ng	100
81) Benzo(a)anthracene	21.810	228	880388	47.223	ng	99
82) 3,3'-Dichlorobenzidine	21.716	252	202394	35.926	ng	99
83) Chrysene	21.880	228	817975	46.104	ng	99
84) Bis(2-ethylhexyl)phtha...	21.698	149	561245	57.144	ng	99
85) Di-n-octyl phthalate	22.967	149	939186	65.329	ng	98
87) Indeno(1,2,3-cd)pyrene	29.083	276	1033060	47.784	ng	94
88) Benzo(b)fluoranthene	24.125	252	921053	51.199	ng	99
89) Benzo(k)fluoranthene	24.201	252	896634	48.299	ng	100
90) Benzo(a)pyrene	25.047	252	813410	52.680	ng	99
91) Dibenzo(a,h)anthracene	29.166	278	889072	50.060	ng	99
92) Benzo(g,h,i)perylene	30.311	276	891734	51.359	ng	98

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

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