Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121622\
Data File : BG055998.D
Acq On : 16 Dec 2022 17:47
Operator : CG/JU
Sample : N6037-19MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 17 01:22:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 01:18:54 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
RB-25-(7-9)MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
12/19/2022
Supervised By :mohammad ahmed
12/19/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.376	152	8852	20.000	ng		0.00
21) Naphthalene-d8	11.208	136	32226	20.000	ng	#	0.00
39) Acenaphthene-d10	14.980	164	27730	20.000	ng		0.00
64) Phenanthrene-d10	17.718	188	80173	20.000	ng	#	0.00
76) Chrysene-d12	22.030	240	78147	20.000	ng		0.00
86) Perylene-d12	25.526	264	95512	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.890	112	43300	114.716	ng		0.00
7) Phenol-d6	7.506	99	53401	110.001	ng		0.00
23) Nitrobenzene-d5	9.545	82	33677	73.029	ng		0.00
42) 2,4,6-Tribromophenol	16.460	330	83782	125.300	ng		0.00
45) 2-Fluorobiphenyl	13.611	172	133664	67.602	ng		0.00
79) Terphenyl-d14	20.291	244	320590	72.505	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.716	88	4440	40.420	ng		99
3) Pyridine	4.133	79	13780	38.119	ng		95
4) n-Nitrosodimethylamine	4.039	42	12665	38.974	ng	#	99
6) Aniline	7.682	93	19753	33.985	ng		96
8) 2-Chlorophenol	7.929	128	22084	45.350	ng		94
9) Benzaldehyde	7.494	77	13139	43.095	ng		89
10) Phenol	7.529	94	23261	43.780	ng		98
11) bis(2-Chloroethyl)ether	7.770	93	14550	42.042	ng		93
12) 1,3-Dichlorobenzene	8.264	146	26530	42.116	ng		90
13) 1,4-Dichlorobenzene	8.411	146	26641	41.382	ng		97
14) 1,2-Dichlorobenzene	8.734	146	25881	42.066	ng		95
15) Benzyl Alcohol	8.605	79	20982	41.595	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.899	45	19539	43.379	ng		97
17) 2-Methylphenol	8.799	107	18399	44.013	ng		94
18) Hexachloroethane	9.474	117	8560	43.804	ng	#	87
19) n-Nitroso-di-n-propyla...	9.181	70	13887	39.908	ng	#	88
20) 3+4-Methylphenols	9.128	107	25529	42.794	ng		97
22) Acetophenone	9.198	105	32784	41.038	ng	#	96
24) Nitrobenzene	9.586	77	22424	48.310	ng		97
25) Isophorone	10.115	82	40077	41.445	ng		97
26) 2-Nitrophenol	10.309	139	13702	49.865	ng		97
27) 2,4-Dimethylphenol	10.344	122	23088m	50.031	ng		
28) bis(2-Chloroethoxy)met...	10.585	93	19953	46.688	ng		97
29) 2,4-Dichlorophenol	10.837	162	29356	44.818	ng		96
30) 1,2,4-Trichlorobenzene	11.061	180	35619	41.833	ng		94
31) Naphthalene	11.260	128	69111	40.644	ng		98
32) Benzoic acid	10.473	122	19096	48.244	ng		92
33) 4-Chloroaniline	11.354	127	13597	18.653	ng		96
34) Hexachlorobutadiene	11.537	225	31597	39.472	ng		94
35) Caprolactam	12.124	113	7237m	39.656	ng		
36) 4-Chloro-3-methylphenol	12.441	107	26478	43.111	ng		97
37) 2-Methylnaphthalene	12.835	142	59825	39.823	ng		96
38) 1-Methylnaphthalene	13.052	142	54846	37.476	ng		99
40) 1,2,4,5-Tetrachloroben...	13.193	216	54124	46.261	ng		99
41) Hexachlorocyclopentadiene	13.170	237	72030	108.522	ng		98
43) 2,4,6-Trichlorophenol	13.423	196	34134	49.286	ng		95

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44) 2,4,5-Trichlorophenol	13.493	196	37823	48.447	ng		99
46) 1,1'-Biphenyl	13.822	154	87202	46.394	ng		99
47) 2-Chloronaphthalene	13.869	162	69058	45.217	ng		97
48) 2-Nitroaniline	14.057	65	16531	54.502	ng		90
49) Acenaphthylene	14.709	152	111527	45.749	ng		100
50) Dimethylphthalate	14.421	163	98970	41.282	ng		99
51) 2,6-Dinitrotoluene	14.545	165	20408	55.008	ng		92
52) Acenaphthene	15.044	154	85024	51.952	ng		95
53) 3-Nitroaniline	14.868	138	11154	29.558	ng	#	86
54) 2,4-Dinitrophenol	15.074	184	29330	106.343	ng	#	86
55) Dibenzofuran	15.373	168	120701	43.858	ng		96
56) 4-Nitrophenol	15.156	139	31354	103.684	ng		96
57) 2,4-Dinitrotoluene	15.326	165	29690	53.017	ng		93
58) Fluorene	16.020	166	97051	43.140	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.591	232	42784	47.970	ng		99
60) Diethylphthalate	15.773	149	95375	40.702	ng		98
61) 4-Chlorophenyl-phenyle...	16.002	204	66861	43.627	ng		98
62) 4-Nitroaniline	16.031	138	19186	46.686	ng		93
63) Azobenzene	16.296	77	60967	42.747	ng		99
65) 4,6-Dinitro-2-methylph...	16.084	198	20063	52.385	ng		94
66) n-Nitrosodiphenylamine	16.213	169	90072	42.872	ng		98
67) 4-Bromophenyl-phenylether	16.901	248	50811	43.251	ng		91
68) Hexachlorobenzene	17.024	284	61632	42.592	ng		97
69) Atrazine	17.154	200	44072	46.328	ng		100
70) Pentachlorophenol	17.359	266	79040	95.544	ng		96
71) Phenanthrene	17.765	178	179349	42.687	ng		98
72) Anthracene	17.853	178	178525	42.949	ng		100
73) Carbazole	18.111	167	142508	41.570	ng		98
74) Di-n-butylphthalate	18.646	149	158354	39.720	ng		100
75) Fluoranthene	19.750	202	231419	39.335	ng		99
77) Benzidine	19.915	184	101343	73.844	ng		98
78) Pyrene	20.109	202	239415	50.630	ng		99
80) Butylbenzylphthalate	20.978	149	61704	46.050	ng		99
81) Benzo(a)anthracene	22.007	228	248606	45.209	ng		100
82) 3,3'-Dichlorobenzidine	21.907	252	53115	26.846	ng		94
83) Chrysene	22.077	228	237148	46.014	ng		99
84) Bis(2-ethylhexyl)phtha...	21.883	149	87507	43.957	ng		98
85) Di-n-octyl phthalate	23.194	149	149356	44.229	ng		99
87) Indeno(1,2,3-cd)pyrene	29.568	276	323702	42.146	ng	#	98
88) Benzo(b)fluoranthene	24.410	252	281389	45.522	ng		100
89) Benzo(k)fluoranthene	24.486	252	260850	42.296	ng		100
90) Benzo(a)pyrene	25.367	252	245673	47.018	ng		98
91) Dibenzo(a,h)anthracene	29.645	278	267276	41.577	ng		99
92) Benzo(g,h,i)perylene	30.843	276	265774	42.760	ng		96

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

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