Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012023\
Data File : BG056371.D
Acq On : 20 Jan 2023 17:24
Operator : CG/JU
Sample : 01239-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BORING-3MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

Quant Time: Jan 23 00:00:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 19 00:31:30 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.299	152	35634	20.000	ng		0.00
21) Naphthalene-d8	11.137	136	134409	20.000	ng		0.00
39) Acenaphthene-d10	14.920	164	113286	20.000	ng		0.00
64) Phenanthrene-d10	17.652	188	301747	20.000	ng		0.00
76) Chrysene-d12	21.947	240	286556	20.000	ng		0.00
86) Perylene-d12	25.385	264	315204	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.825	112	255597	128.071	ng		0.00
7) Phenol-d6	7.447	99	359578	117.321	ng		0.00
23) Nitrobenzene-d5	9.480	82	188320	71.668	ng		0.00
42) 2,4,6-Tribromophenol	16.401	330	190175	132.549	ng		0.00
45) 2-Fluorobiphenyl	13.546	172	629924	76.785	ng		0.00
79) Terphenyl-d14	20.226	244	1237444	77.344	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.628	88	32907	36.099	ng	#	92
3) Pyridine	4.051	79	91559	32.977	ng		96
4) n-Nitrosodimethylamine	3.957	42	21219	37.570	ng		93
6) Aniline	7.617	93	132956	33.080	ng		100
8) 2-Chlorophenol	7.864	128	98161	49.427	ng		95
9) Benzaldehyde	7.429	77	42856	23.517	ng		95
10) Phenol	7.476	94	139366	44.838	ng		96
11) bis(2-Chloroethyl)ether	7.705	93	84214	39.981	ng		98
12) 1,3-Dichlorobenzene	8.193	146	115058	47.603	ng		94
13) 1,4-Dichlorobenzene	8.340	146	113926	46.938	ng		95
14) 1,2-Dichlorobenzene	8.663	146	109373	46.701	ng		99
15) Benzyl Alcohol	8.534	79	89321	40.043	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.822	45	16894	45.387	ng	#	87
17) 2-Methylphenol	8.739	107	97020	42.539	ng		97
18) Hexachloroethane	9.397	117	34666	47.015	ng		93
19) n-Nitroso-di-n-propyla...	9.104	70	67146	36.028	ng		97
20) 3+4-Methylphenols	9.068	107	132325	41.267	ng		98
22) Acetophenone	9.127	105	156094	41.073	ng	#	99
24) Nitrobenzene	9.521	77	98202	37.712	ng		93
25) Isophorone	10.038	82	203087	36.734	ng		95
26) 2-Nitrophenol	10.238	139	61862	46.431	ng		97
27) 2,4-Dimethylphenol	10.285	122	110025m	45.276	ng		
28) bis(2-Chloroethoxy)met...	10.514	93	115737	40.278	ng		99
29) 2,4-Dichlorophenol	10.778	162	126839	47.212	ng		99
30) 1,2,4-Trichlorobenzene	10.996	180	133490	43.785	ng		96
31) Naphthalene	11.184	128	305359	43.168	ng		99
32) Benzoic acid	10.426	122	66072	36.644	ng		93
33) 4-Chloroaniline	11.283	127	106331	31.484	ng		94
34) Hexachlorobutadiene	11.460	225	91985	41.950	ng		96
35) Caprolactam	12.059	113	39076m	42.960	ng		
36) 4-Chloro-3-methylphenol	12.388	107	121779	44.671	ng		100
37) 2-Methylnaphthalene	12.770	142	246427	41.258	ng		98
38) 1-Methylnaphthalene	12.981	142	229576	41.391	ng		96
40) 1,2,4,5-Tetrachloroben...	13.128	216	181873	42.835	ng		99
41) Hexachlorocyclopentadiene	13.105	237	237002	97.906	ng		94
43) 2,4,6-Trichlorophenol	13.363	196	130575	46.508	ng		99

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44) 2,4,5-Trichlorophenol	13.440	196	143022	43.063	ng		94
46) 1,1'-Biphenyl	13.757	154	364970	44.985	ng		98
47) 2-Chloronaphthalene	13.804	162	289617	45.225	ng		98
48) 2-Nitroaniline	13.998	65	60629	44.436	ng		94
49) Acenaphthylene	14.644	152	460752	44.213	ng		98
50) Dimethylphthalate	14.356	163	398354	43.559	ng		99
51) 2,6-Dinitrotoluene	14.480	165	87856	45.085	ng		95
52) Acenaphthene	14.985	154	332005m	48.984	ng		
53) 3-Nitroaniline	14.815	138	64442	34.748	ng		90
54) 2,4-Dinitrophenol	15.020	184	112319	80.683	ng		94
55) Dibenzofuran	15.314	168	489693	43.660	ng		98
56) 4-Nitrophenol	15.120	139	134479	94.284	ng		86
57) 2,4-Dinitrotoluene	15.267	165	126008	46.237	ng		89
58) Fluorene	15.960	166	398242	44.145	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.537	232	139508	44.737	ng		96
60) Diethylphthalate	15.708	149	374844	43.707	ng		99
61) 4-Chlorophenyl-phenyle...	15.937	204	243089	43.179	ng		99
62) 4-Nitroaniline	15.978	138	84960	44.723	ng		92
63) Azobenzene	16.231	77	278892	42.140	ng		96
65) 4,6-Dinitro-2-methylph...	16.031	198	90237	44.386	ng		98
66) n-Nitrosodiphenylamine	16.154	169	370760	44.285	ng		97
67) 4-Bromophenyl-phenylether	16.830	248	170116	44.273	ng		99
68) Hexachlorobenzene	16.959	284	172753	48.189	ng		97
69) Atrazine	17.088	200	160881	46.367	ng		98
70) Pentachlorophenol	17.300	266	213857	77.658	ng		98
71) Phenanthrene	17.694	178	694953	44.441	ng		98
72) Anthracene	17.788	178	713335	44.221	ng		99
73) Carbazole	18.052	167	616146	45.441	ng		99
74) Di-n-butylphthalate	18.581	149	620460	45.904	ng		99
75) Fluoranthene	19.685	202	870344	42.669	ng		99
77) Benzidine	19.856	184	442619	44.076	ng		100
78) Pyrene	20.050	202	883488	43.742	ng		100
80) Butylbenzylphthalate	20.907	149	259310	44.751	ng		94
81) Benzo(a)anthracene	21.930	228	875367	43.492	ng		99
82) 3,3'-Dichlorobenzidine	21.824	252	207749	28.674	ng		98
83) Chrysene	22.000	228	811492	43.043	ng		99
84) Bis(2-ethylhexyl)phtha...	21.789	149	368933	44.193	ng		99
85) Di-n-octyl phthalate	23.064	149	626471	44.452	ng		100
87) Indeno(1,2,3-cd)pyrene	29.345	276	1041329	45.426	ng	#	99
88) Benzo(b)fluoranthene	24.292	252	904232	45.151	ng		98
89) Benzo(k)fluoranthene	24.362	252	889573	44.606	ng		99
90) Benzo(a)pyrene	25.226	252	807447	41.337	ng		99
91) Dibenzo(a,h)anthracene	29.415	278	874615	45.507	ng		98
92) Benzo(g,h,i)perylene	30.590	276	837742	44.949	ng		99

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

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