Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110522\
Data File : BG055471.D
Acq On : 5 Nov 2022 15:23
Operator : CG/JU
Sample : N5406-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 07 00:54:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 07 00:51:08 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SB-01-COMPMS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.229	152	27411	20.000	ng		0.00
21) Naphthalene-d8	11.055	136	113064	20.000	ng		0.00
39) Acenaphthene-d10	14.845	164	78138	20.000	ng		0.00
64) Phenanthrene-d10	17.583	188	177640	20.000	ng		0.00
76) Chrysene-d12	21.855	240	181102	20.000	ng		0.00
86) Perylene-d12	25.221	264	200591	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.762	112	186822	122.398	ng		0.01
7) Phenol-d6	7.383	99	245839	116.144	ng		0.00
23) Nitrobenzene-d5	9.404	82	143778	67.773	ng		0.00
42) 2,4,6-Tribromophenol	16.326	330	130619	122.553	ng		0.00
45) 2-Fluorobiphenyl	13.470	172	351297	66.658	ng		0.00
79) Terphenyl-d14	20.157	244	616565	66.202	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.552	88	29727	42.939	ng		98
3) Pyridine	3.975	79	76781	37.370	ng		98
4) n-Nitrosodimethylamine	3.887	42	36301	44.724	ng		98
6) Aniline	7.548	93	67497	24.586	ng		99
8) 2-Chlorophenol	7.795	128	89816	48.431	ng		99
9) Benzaldehyde	7.354	77	56485	45.391	ng		98
10) Phenol	7.413	94	110767	46.234	ng		98
11) bis(2-Chloroethyl)ether	7.636	93	77360	43.160	ng		95
12) 1,3-Dichlorobenzene	8.118	146	97528	46.397	ng		99
13) 1,4-Dichlorobenzene	8.265	146	98345	45.935	ng		98
14) 1,2-Dichlorobenzene	8.588	146	96008	46.851	ng		99
15) Benzyl Alcohol	8.470	79	74830m	44.326	ng		
16) 2,2'-oxybis(1-Chloropr...	8.746	45	95249	39.941	ng		100
17) 2-Methylphenol	8.676	107	78671	45.638	ng		100
18) Hexachloroethane	9.322	117	33158	45.400	ng		95
19) n-Nitroso-di-n-propyla...	9.034	70	64080	38.743	ng		97
20) 3+4-Methylphenols	9.005	107	105562	43.099	ng		98
22) Acetophenone	9.058	105	129921	43.840	ng		99
24) Nitrobenzene	9.446	77	93925	42.465	ng		98
25) Isophorone	9.968	82	176367	41.977	ng		99
26) 2-Nitrophenol	10.162	139	53303	46.802	ng		99
27) 2,4-Dimethylphenol	10.215	122	87882	55.032	ng		95
28) bis(2-Chloroethoxy)met...	10.444	93	104121	46.527	ng		98
29) 2,4-Dichlorophenol	10.709	162	93549	48.023	ng		98
30) 1,2,4-Trichlorobenzene	10.914	180	95064	45.067	ng		100
31) Naphthalene	11.108	128	275641	43.300	ng		99
32) Benzoic acid	10.444	122	9316m	14.487	ng		
33) 4-Chloroaniline	11.214	127	51291	19.391	ng		99
34) Hexachlorobutadiene	11.379	225	59153	45.114	ng		99
35) Caprolactam	11.996	113	31154	43.195	ng	#	89
36) 4-Chloro-3-methylphenol	12.325	107	96495	45.241	ng		99
37) 2-Methylnaphthalene	12.695	142	198524	42.457	ng		99
38) 1-Methylnaphthalene	12.912	142	187618	41.138	ng		100
40) 1,2,4,5-Tetrachloroben...	13.059	216	109089	47.262	ng		99
41) Hexachlorocyclopentadiene	13.030	237	109848	98.122	ng		94
43) 2,4,6-Trichlorophenol	13.294	196	78548	48.867	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.376	196	86254	48.175	ng	99
46) 1,1'-Biphenyl	13.682	154	266755	46.395	ng	99
47) 2-Chloronaphthalene	13.735	162	207587	44.932	ng	100
48) 2-Nitroaniline	13.934	65	60495	42.631	ng	98
49) Acenaphthylene	14.575	152	335642	44.244	ng	99
50) Dimethylphthalate	14.287	163	268763	41.207	ng	99
51) 2,6-Dinitrotoluene	14.416	165	59940	43.898	ng	98
52) Acenaphthene	14.910	154	195215	43.237	ng	99
53) 3-Nitroaniline	14.751	138	39065	25.455	ng	91
54) 2,4-Dinitrophenol	14.969	184	40386	50.938	ng	95
55) Dibenzofuran	15.239	168	327310	43.797	ng	99
56) 4-Nitrophenol	15.068	139	99771	94.815	ng	95
57) 2,4-Dinitrotoluene	15.204	165	84731	43.398	ng	98
58) Fluorene	15.885	166	259610	42.763	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.468	232	77086	47.883	ng	98
60) Diethylphthalate	15.638	149	272231	40.163	ng	99
61) 4-Chlorophenyl-phenyle...	15.867	204	138899	44.254	ng	99
62) 4-Nitroaniline	15.909	138	67750	41.727	ng	98
63) Azobenzene	16.161	77	230094	40.838	ng	98
65) 4,6-Dinitro-2-methylph...	15.967	198	48808	42.655	ng	97
66) n-Nitrosodiphenylamine	16.085	169	235061	44.508	ng	100
67) 4-Bromophenyl-phenylether	16.761	248	94799	45.145	ng	97
68) Hexachlorobenzene	16.890	284	108055	45.123	ng	95
69) Atrazine	17.019	200	95235	53.712	ng	99
70) Pentachlorophenol	17.236	266	101399	81.609	ng	97
71) Phenanthrene	17.624	178	449106	44.946	ng	100
72) Anthracene	17.712	178	443670	45.300	ng	99
73) Carbazole	17.983	167	422727	46.392	ng	99
74) Di-n-butylphthalate	18.506	149	497397	43.706	ng	100
75) Fluoranthene	19.616	202	558570	46.474	ng	99
77) Benzidine	19.786	184	215840	57.246	ng	99
78) Pyrene	19.974	202	565752	44.283	ng	100
80) Butylbenzylphthalate	20.826	149	228716	42.939	ng	99
81) Benzo(a)anthracene	21.831	228	557753	44.865	ng	99
82) 3,3'-Dichlorobenzidine	21.731	252	99579	23.358	ng	99
83) Chrysene	21.902	228	524942	44.260	ng	99
84) Bis(2-ethylhexyl)phtha...	21.690	149	340458	43.971	ng	99
85) Di-n-octyl phthalate	22.942	149	570688	43.017	ng	100
87) Indeno(1,2,3-cd)pyrene	29.105	276	703975	43.711	ng	99
88) Benzo(b)fluoranthene	24.146	252	614867	48.257	ng	99
89) Benzo(k)fluoranthene	24.216	252	569260	44.458	ng	98
90) Benzo(a)pyrene	25.063	252	538328	48.863	ng	100
91) Dibenzo(a,h)anthracene	29.152	278	587262	44.198	ng	99
92) Benzo(g,h,i)perylene	30.321	276	591452	44.756	ng	98

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

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