Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011522\
Data File : BG052014.D
Acq On : 16 Jan 2022 3:05
Operator : CG/JU
Sample : PB142048BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS048

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/21/2022

Quant Time: Jan 17 04:05:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 06 14:43:02 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.245	152	23217	20.000	ng/ul	0.00
20) Naphthalene-d8	11.083	136	108238	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.889	164	79708	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.639	188	192704	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.962	240	145489	20.000	ng/ul	# 0.00
88) Perylene-d12	25.451	264	153061	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.569	96	2688	4.137	ng/uL	0.00
4) Pyridine-d5	3.998	84	45938	22.744	ng/ul	0.00
7) Phenol-d5	7.388	99	67824	29.848	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.552	67	38432	26.643	ng/ul	0.00
11) 2-Chlorophenol-d4	7.769	132	46594	30.970	ng/ul	0.00
15) 4-Methylphenol-d8	8.950	113	54401	30.797	ng/ul	0.00
21) Nitrobenzene-d5	9.420	128	24730	28.915	ng/ul	0.00
24) 2-Nitrophenol-d4	10.149	143	29624	31.318	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.695	165	57607	31.157	ng/ul	0.00
31) 4-Chloroaniline-d4	11.212	131	67102	26.061	ng/ul	0.00
46) Dimethylphthalate-d6	14.278	166	208158	31.594	ng/ul	0.00
49) Acenaphthylene-d8	14.584	160	250143	31.431	ng/ul	0.00
54) 4-Nitrophenol-d4	15.071	143	36003	32.684	ng/ul	0.00
60) Fluorene-d10	15.882	176	181371	31.574	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.988	200	38226	31.444	ng/ul	0.00
73) Anthracene-d10	17.738	188	297287	32.521	ng/ul	0.00
81) Pyrene-d10	20.018	212	310240	37.052	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.211	264	266214	33.038	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.605	88	6142m	8.193	ng/uL	
5) Pyridine	4.016	79	44809	21.176	ng/ul	98
6) Benzaldehyde	7.364	77	37419m	24.755	ng/ul	
8) Phenol	7.411	94	67363	29.044	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.640	93	45670	26.900	ng/ul	94
12) 2-Chlorophenol	7.805	128	47434	30.993	ng/ul	97
13) 2-Methylphenol	8.680	108	51362	30.453	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.768	45	70078	27.061	ng/ul	99
16) Acetophenone	9.074	105	77889	27.939	ng/ul	95
17) N-Nitroso-di-n-propyla...	9.050	70	49327	28.962	ng/ul	95
18) 4-Methylphenol	9.015	108	55111	30.165	ng/ul	90
19) Hexachloroethane	9.350	117	18365	27.793	ng/ul#	73
22) Nitrobenzene	9.461	77	67671	25.509	ng/ul	98
23) Isophorone	9.984	82	137626	27.441	ng/ul	98
25) 2-Nitrophenol	10.184	139	28881	27.782	ng/ul#	84
26) 2,4-Dimethylphenol	10.231	107	63712	28.245	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.466	93	68100	26.372	ng/ul	99
29) 2,4-Dichlorophenol	10.724	162	52197	28.746	ng/ul	99
30) Naphthalene	11.136	128	163762	27.921	ng/ul	97
32) 4-Chloroaniline	11.235	127	64084	24.422	ng/ul	98
33) Hexachlorobutadiene	11.423	225	39108	27.019	ng/ul	94
34) Caprolactam	11.981	113	21825m	30.883	ng/ul	
35) 4-Chloro-3-methylphenol	12.346	107	65063	31.034	ng/ul	93
36) 2-Methylnaphthalene	12.733	142	121193	29.008	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.951	142	124104	28.944	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.098	216	77817	28.231	ng/ul	96
40) Hexachlorocyclopentadiene	13.080	237	36030	19.050	ng/ul	96
41) 2,4,6-Trichlorophenol	13.327	196	53137	30.501	ng/ul	96
42) 2,4,5-Trichlorophenol	13.403	196	60107	32.005	ng/ul	98
43) 1,1'-Biphenyl	13.726	154	175808	28.571	ng/ul#	96
44) 2-Chloronaphthalene	13.773	162	138328	29.026	ng/ul	98
45) 2-Nitroaniline	13.961	65	54158	29.653	ng/ul	93
47) Dimethylphthalate	14.325	163	192409	29.617	ng/ul#	99
48) 2,6-Dinitrotoluene	14.449	165	43840	32.006	ng/ul	89
50) Acenaphthylene	14.613	152	233229	29.761	ng/ul	98
51) 3-Nitroaniline	14.778	138	37567	30.319	ng/ul	93
52) Acenaphthene	14.954	153	152906	29.345	ng/ul	94
53) 2,4-Dinitrophenol	14.989	184	20569	25.470	ng/ul#	83
55) 4-Nitrophenol	15.083	109	36638	28.985	ng/ul	86
56) Dibenzofuran	15.289	168	220850	29.183	ng/ul	99
57) 2,4-Dinitrotoluene	15.236	165	61997	31.306	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.512	232	57413	32.959	ng/ul#	87
59) Diethylphthalate	15.688	149	203492	30.361	ng/ul	96
61) Fluorene	15.935	166	192819	30.576	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.917	204	104052	29.733	ng/ul	91
63) 4-Nitroaniline	15.941	138	40452	31.776	ng/ul	89
66) 4,6-Dinitro-2-methylph...	16.005	198	35101	30.201	ng/ul#	95
67) N-Nitrosodiphenylamine	16.129	169	172654	33.343	ng/ul	96
68) 4-Bromophenyl-phenylether	16.816	248	73097	32.402	ng/ul#	89
69) Hexachlorobenzene	16.951	284	82490	32.969	ng/ul#	88
70) Atrazine	17.075	200	75716	31.518	ng/ul	97
71) Pentachlorophenol	17.286	266	43957	31.459	ng/ul	99
72) Phenanthrene	17.686	178	315836	31.279	ng/ul	98
74) Anthracene	17.774	178	312069	30.874	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.697	216	83367	28.805	ng/uL	96
76) Pentachlorobenzene	15.212	250	91054	32.325	ng/uL	97
77) Carbazole	18.038	167	286966	31.508	ng/ul	98
78) Di-n-butylphthalate	18.578	149	334367	31.058	ng/ul	99
80) Fluoranthene	19.683	202	360011	37.206	ng/ul#	91
82) Pyrene	20.047	202	340981	35.792	ng/ul#	88
83) Butylbenzylphthalate	20.916	149	115707	34.899	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.839	252	105005	31.266	ng/ul#	97
85) Benzo(a)anthracene	21.944	228	317947	33.230	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.821	149	162537	33.521	ng/ul#	99
87) Chrysene	22.015	228	303786	32.973	ng/ul	98
89) Di-n-octyl phthalate	23.125	149	274100	32.418	ng/ul	100
90) Benzo(b)fluoranthene	24.335	252	318097	31.359	ng/ul#	96
91) Benzo(k)fluoranthene	24.412	252	305686	32.594	ng/ul#	95
93) Benzo(a)pyrene	25.287	252	311337	32.432	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.487	276	366611	33.362	ng/ul#	91
95) Dibenzo(a,h)anthracene	29.552	278	312771	33.650	ng/ul#	94
96) Benzo(g,h,i)perylene	30.744	276	308208	33.357	ng/ul#	88

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

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