Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013122\
Data File : BG052216.D
Acq On : 31 Jan 2022 14:54
Operator : CG/JU
Sample : SSTD02051
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020402

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 02/01/2022
Supervised By :mohammad ahmed 02/01/2022

Quant Time: Jan 31 15:51:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG013122.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 31 15:44:22 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.234	152	31816	20.000	ng/ul	0.00
20) Naphthalene-d8	11.077	136	132112	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.878	164	93496	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.627	188	227938	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.945	240	218992	20.000	ng/ul	# 0.00
88) Perylene-d12	25.422	264	219232	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.564	96	6351	7.133	ng/uL	0.00
4) Pyridine-d5	3.987	84	48900	17.667	ng/ul	0.00
7) Phenol-d5	7.376	99	59126	18.988	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.541	67	37646	19.044	ng/ul	0.00
11) 2-Chlorophenol-d4	7.764	132	41490	20.124	ng/ul	0.00
15) 4-Methylphenol-d8	8.939	113	45413	18.761	ng/ul	0.00
21) Nitrobenzene-d5	9.409	128	22611	21.660	ng/ul	0.00
24) 2-Nitrophenol-d4	10.143	143	23325	20.203	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.690	165	46124	20.439	ng/ul	0.00
31) 4-Chloroaniline-d4	11.201	131	59073	18.797	ng/ul	0.00
46) Dimethylphthalate-d6	14.267	166	148858	19.262	ng/ul	0.00
49) Acenaphthylene-d8	14.578	160	187393	20.074	ng/ul	0.00
54) 4-Nitrophenol-d4	15.060	143	21788	16.863	ng/ul	0.00
60) Fluorene-d10	15.871	176	130395	19.352	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.982	200	26644	18.529	ng/ul	0.00
73) Anthracene-d10	17.727	188	220288	20.373	ng/ul	0.00
81) Pyrene-d10	20.006	212	267948	21.260	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.182	264	237777	20.602	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.599	88	7508	7.308	ng/uL	90
5) Pyridine	4.010	79	52750	18.191	ng/ul	97
6) Benzaldehyde	7.359	77	42265	20.404	ng/ul	89
8) Phenol	7.406	94	60262	18.960	ng/ul#	88
10) Bis(2-Chloroethyl)ether	7.635	93	45728	19.655	ng/ul	99
12) 2-Chlorophenol	7.799	128	43904	20.933	ng/ul	95
13) 2-Methylphenol	8.675	108	44984	19.463	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.763	45	65085	18.340	ng/ul#	94
16) Acetophenone	9.062	105	71594	18.740	ng/ul	93
17) N-Nitroso-di-n-propyla...	9.039	70	43155	18.490	ng/ul	99
18) 4-Methylphenol	9.004	108	48427	19.343	ng/ul	92
19) Hexachloroethane	9.338	117	19114	21.109	ng/ul#	75
22) Nitrobenzene	9.450	77	61053	18.856	ng/ul#	96
23) Isophorone	9.973	82	115259	18.828	ng/ul	99
25) 2-Nitrophenol	10.173	139	27147	21.395	ng/ul	96
26) 2,4-Dimethylphenol	10.220	107	54195	19.684	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.455	93	60574	19.219	ng/ul	96
29) 2,4-Dichlorophenol	10.719	162	44705	20.171	ng/ul	97
30) Naphthalene	11.124	128	149074	20.824	ng/ul	98
32) 4-Chloroaniline	11.224	127	61679	19.258	ng/ul	97
33) Hexachlorobutadiene	11.412	225	37052	20.973	ng/ul	96
34) Caprolactam	11.970	113	14375	16.665	ng/ul	93
35) 4-Chloro-3-methylphenol	12.334	107	49199	19.226	ng/ul	93
36) 2-Methylnaphthalene	12.722	142	103115	20.221	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.939	142	106753	20.398	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.086	216	68985	21.336	ng/ul	96
40) Hexachlorocyclopentadiene	13.069	237	34545	15.571	ng/ul	96
41) 2,4,6-Trichlorophenol	13.321	196	41275	20.198	ng/ul	97
42) 2,4,5-Trichlorophenol	13.392	196	45330	20.577	ng/ul	99
43) 1,1'-Biphenyl	13.715	154	145570	20.168	ng/ul#	96
44) 2-Chloronaphthalene	13.762	162	112288	20.088	ng/ul	97
45) 2-Nitroaniline	13.950	65	38150	17.808	ng/ul	96
47) Dimethylphthalate	14.314	163	144958	19.023	ng/ul	99
48) 2,6-Dinitrotoluene	14.443	165	30998	19.293	ng/ul	90
50) Acenaphthylene	14.602	152	186214	20.257	ng/ul	95
51) 3-Nitroaniline	14.772	138	29894	20.569	ng/ul	92
52) Acenaphthene	14.943	153	120871	19.776	ng/ul	95
53) 2,4-Dinitrophenol	14.978	184	14013	14.793	ng/ul	85
55) 4-Nitrophenol	15.078	109	22635	15.266	ng/ul	91
56) Dibenzofuran	15.277	168	175684	19.791	ng/ul	100
57) 2,4-Dinitrotoluene	15.225	165	46380	19.966	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.501	232	37936	18.566	ng/ul	90
59) Diethylphthalate	15.671	149	148734	18.918	ng/ul	97
61) Fluorene	15.924	166	144069	19.476	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.906	204	81505	19.856	ng/ul	93
63) 4-Nitroaniline	15.929	138	29750	19.923	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.994	198	25273	18.384	ng/ul	95
67) N-Nitrosodiphenylamine	16.117	169	125379	20.470	ng/ul	95
68) 4-Bromophenyl-phenylether	16.805	248	55261	20.709	ng/ul#	86
69) Hexachlorobenzene	16.934	284	62181	21.011	ng/ul#	88
70) Atrazine	17.063	200	54579	19.207	ng/ul	98
71) Pentachlorophenol	17.281	266	27042	16.362	ng/ul#	88
72) Phenanthrene	17.668	178	244085	20.436	ng/ul	98
74) Anthracene	17.762	178	242424	20.277	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.685	216	75516	22.059	ng/uL	96
76) Pentachlorobenzene	15.201	250	69238	20.781	ng/uL	97
77) Carbazole	18.027	167	215152	19.971	ng/ul	97
78) Di-n-butylphthalate	18.567	149	253189	19.882	ng/ul	100
80) Fluoranthene	19.671	202	313582	21.530	ng/ul#	90
82) Pyrene	20.036	202	307808	21.465	ng/ul#	86
83) Butylbenzylphthalate	20.905	149	103883	20.816	ng/ul#	94
84) 3,3'-Dichlorobenzidine	21.827	252	103562	20.486	ng/ul#	96
85) Benzo(a)anthracene	21.927	228	297006	20.623	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.804	149	151386	20.742	ng/ul#	97
87) Chrysene	21.998	228	281156	20.274	ng/ul	98
89) Di-n-octyl phthalate	23.102	149	253106	20.900	ng/ul	100
90) Benzo(b)fluoranthene	24.312	252	313586	21.584	ng/ul#	94
91) Benzo(k)fluoranthene	24.383	252	282794	21.052	ng/ul#	96
93) Benzo(a)pyrene	25.252	252	286119	20.809	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	29.423	276	324411	20.611	ng/ul#	89
95) Dibenzo(a,h)anthracene	29.499	278	268374	20.159	ng/ul#	93
96) Benzo(g,h,i)perylene	30.692	276	273660m	20.678	ng/ul	

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

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