Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031224\
Data File : BG060619.D
Acq On : 12 Mar 2024 14:38
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020490

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024

Quant Time: Mar 12 16:22:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG030824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 08 15:23:41 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.325	152	118978	20.000	ng/ul	0.00
20) Naphthalene-d8	11.174	136	574985	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.952	164	389094	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.702	188	822619	20.000	ng/ul	0.00
79) Chrysene-d12	22.026	240	737348	20.000	ng/ul	0.00
88) Perylene-d12	25.581	264	830221	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.613	96	22824	7.242	ng/uL	0.00
4) Pyridine-d5	4.047	84	175290	17.775	ng/ul	0.00
7) Phenol-d5	7.432	99	227667	18.569	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.643	67	147337	18.537	ng/ul	0.00
11) 2-Chlorophenol-d4	7.837	132	165578	19.316	ng/ul	0.00
15) 4-Methylphenol-d8	9.006	113	186884	19.631	ng/ul	0.00
21) Nitrobenzene-d5	9.523	128	80297	21.901	ng/ul	0.00
24) 2-Nitrophenol-d4	10.246	143	78777	21.796	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.763	165	181952	19.555	ng/ul	0.00
31) 4-Chloroaniline-d4	11.309	131	267534	18.497	ng/ul	0.00
46) Dimethylphthalate-d6	14.347	166	585442	18.979	ng/ul	0.00
49) Acenaphthylene-d8	14.653	160	689253	19.083	ng/ul	0.00
54) 4-Nitrophenol-d4	15.117	143	92428	19.881	ng/ul	0.00
60) Fluorene-d10	15.939	176	510103	18.818	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.045	200	63497	19.017	ng/ul	0.00
73) Anthracene-d10	17.802	188	780954	19.317	ng/ul	0.00
81) Pyrene-d10	20.070	212	861339	19.389	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.334	264	830935	19.343	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.648	88	24162	7.230	ng/uL#	80
5) Pyridine	4.071	79	175864	17.582	ng/ul	96
6) Benzaldehyde	7.467	77	135023	23.239	ng/ul	96
8) Phenol	7.461	94	228795	18.443	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.737	93	182364	18.510	ng/ul	98
12) 2-Chlorophenol	7.872	128	174134	19.403	ng/ul	94
13) 2-Methylphenol	8.742	108	186713	19.319	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.830	45	378501	18.996	ng/ul#	98
16) Acetophenone	9.171	105	312077	19.212	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.135	70	157826	19.814	ng/ul	98
18) 4-Methylphenol	9.071	108	201489	19.144	ng/ul	96
19) Hexachloroethane	9.412	117	67828	19.292	ng/ul	92
22) Nitrobenzene	9.564	77	218492	21.331	ng/ul	97
23) Isophorone	10.076	82	479792	19.716	ng/ul	99
25) 2-Nitrophenol	10.275	139	89735	21.560	ng/ul	98
26) 2,4-Dimethylphenol	10.293	107	215045	19.025	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.557	93	275137	19.443	ng/ul	99
29) 2,4-Dichlorophenol	10.792	162	180035	19.370	ng/ul	96
30) Naphthalene	11.221	128	655864	19.294	ng/ul	99
32) 4-Chloroaniline	11.339	127	263844	18.691	ng/ul	98
33) Hexachlorobutadiene	11.450	225	132470	19.264	ng/ul	97
34) Caprolactam	12.108	113	62079	19.508	ng/ul	89
35) 4-Chloro-3-methylphenol	12.402	107	218377	19.580	ng/ul	99
36) 2-Methylnaphthalene	12.802	142	431079	19.301	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.019	142	426497	19.064	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	13.143	216	239535	18.704	ng/ul	97
40) Hexachlorocyclopentadiene	13.096	237	153886	19.730	ng/ul	98
41) 2,4,6-Trichlorophenol	13.383	196	153922	19.304	ng/ul	98
42) 2,4,5-Trichlorophenol	13.448	196	163841	19.263	ng/ul	99
43) 1,1'-Biphenyl	13.789	154	596175	19.084	ng/ul	98
44) 2-Chloronaphthalene	13.842	162	467354	18.850	ng/ul	94
45) 2-Nitroaniline	14.053	65	145795	21.527	ng/ul	96
47) Dimethylphthalate	14.394	163	588959	18.759	ng/ul	99
48) 2,6-Dinitrotoluene	14.535	165	100494	22.275	ng/ul	95
50) Acenaphthylene	14.682	152	778577	18.859	ng/ul	99
51) 3-Nitroaniline	14.870	138	107054	20.140	ng/ul#	89
52) Acenaphthene	15.017	153	521932	19.046	ng/ul	99
53) 2,4-Dinitrophenol	15.064	184	44104	19.222	ng/ul	92
55) 4-Nitrophenol	15.128	109	82328	18.334	ng/ul	98
56) Dibenzofuran	15.352	168	686798	18.671	ng/ul	99
57) 2,4-Dinitrotoluene	15.311	165	137598	22.447	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.551	232	140641	19.411	ng/ul	97
59) Diethylphthalate	15.740	149	600837	18.763	ng/ul	97
61) Fluorene	15.998	166	574751	18.861	ng/ul#	96
62) 4-Chlorophenyl-phenyle...	15.980	204	290263	19.020	ng/ul	96
63) 4-Nitroaniline	16.033	138	107155m	20.239	ng/ul	
66) 4,6-Dinitro-2-methylph...	16.057	198	73814	20.018	ng/ul#	98
67) N-Nitrosodiphenylamine	16.198	169	506801	19.284	ng/ul	95
68) 4-Bromophenyl-phenylether	16.879	248	178802	18.907	ng/ul	98
69) Hexachlorobenzene	16.967	284	214840	19.004	ng/ul	96
70) Atrazine	17.132	200	176628	19.835	ng/ul	97
71) Pentachlorophenol	17.314	266	113136	18.162	ng/ul	96
72) Phenanthrene	17.743	178	904814	19.167	ng/ul	99
74) Anthracene	17.837	178	930020	19.346	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.748	216	238383	19.400	ng/uL	98
76) Pentachlorobenzene	15.240	250	235351	18.605	ng/uL	100
77) Carbazole	18.107	167	802194	19.457	ng/ul	98
78) Di-n-butylphthalate	18.618	149	994050	19.738	ng/ul	99
80) Fluoranthene	19.735	202	1028590	19.511	ng/ul	98
82) Pyrene	20.099	202	1060213	19.202	ng/ul	98
83) Butylbenzylphthalate	20.963	149	399641	19.679	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.909	252	330120	19.577	ng/ul	97
85) Benzo(a)anthracene	22.003	228	1044893	19.081	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.844	149	590730	19.578	ng/ul	97
87) Chrysene	22.073	228	975243	18.707	ng/ul	99
89) Di-n-octyl phthalate	23.178	149	984032	19.063	ng/ul	100
90) Benzo(b)fluoranthene	24.423	252	955487	18.934	ng/ul	98
91) Benzo(k)fluoranthene	24.506	252	1022665	19.412	ng/ul	100
93) Benzo(a)pyrene	25.411	252	933431	19.069	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.705	276	1156007m	19.120	ng/ul	
95) Dibenzo(a,h)anthracene	29.805	278	931696	18.859	ng/ul	99
96) Benzo(g,h,i)perylene	31.016	276	920772	18.968	ng/ul	99

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

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