Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070224\
Data File : BG061852.D
Acq On : 2 Jul 2024 19:59
Operator : MA/JU
Sample : SSTD02018
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 03 02:11:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:04:38 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020448

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.100	152	46570	20.000	ng/ul	0.00
20) Naphthalene-d8	10.914	136	230685	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.722	164	172810	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.460	188	424925	20.000	ng/ul	0.00
79) Chrysene-d12	21.725	240	382594	20.000	ng/ul	0.00
88) Perylene-d12	24.963	264	449285	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.488	96	10451m	8.107	ng/uL	0.00
4) Pyridine-d5	3.905	84	77140	19.791	ng/ul	0.00
7) Phenol-d5	7.254	99	103674	20.507	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.418	67	64896	20.592	ng/ul	0.00
11) 2-Chlorophenol-d4	7.630	132	68859	19.848	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	78804	20.163	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	36207	23.116	ng/ul	0.00
24) 2-Nitrophenol-d4	9.986	143	42763	26.956	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.532	165	82198	21.882	ng/ul	0.00
31) 4-Chloroaniline-d4	11.044	131	120651	21.214	ng/ul	0.00
46) Dimethylphthalate-d6	14.122	166	295606	22.229	ng/ul	0.00
49) Acenaphthylene-d8	14.416	160	305668	20.974	ng/ul	0.00
54) 4-Nitrophenol-d4	14.915	143	49593	21.714	ng/ul	0.00
60) Fluorene-d10	15.709	176	247677	21.274	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.826	200	42170	23.208	ng/ul	0.00
73) Anthracene-d10	17.559	188	416355	21.466	ng/ul	0.00
81) Pyrene-d10	19.839	212	479748	22.449	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.739	264	460730	21.471	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.523	88	10917	6.814	ng/uL	100
5) Pyridine	3.928	79	80474	19.206	ng/ul	100
6) Benzaldehyde	7.236	77	66196	26.608	ng/ul	100
8) Phenol	7.277	94	104279	19.601	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.512	93	79356	19.818	ng/ul	100
12) 2-Chlorophenol	7.659	128	74548	21.418	ng/ul	100
13) 2-Methylphenol	8.541	108	75969	20.409	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.623	45	177130	21.652	ng/ul	100
16) Acetophenone	8.923	105	132054	20.520	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.899	70	73658	21.307	ng/ul	100
18) 4-Methylphenol	8.864	108	83771	20.089	ng/ul	100
19) Hexachloroethane	9.181	117	31927	22.877	ng/ul	100
22) Nitrobenzene	9.310	77	99877	22.134	ng/ul	100
23) Isophorone	9.827	82	234014	22.551	ng/ul	100
25) 2-Nitrophenol	10.015	139	43179	26.029	ng/ul	100
26) 2,4-Dimethylphenol	10.074	107	103013	22.203	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.309	93	127018	21.637	ng/ul	100
29) 2,4-Dichlorophenol	10.556	162	76268	22.160	ng/ul	100
30) Naphthalene	10.961	128	266107	20.616	ng/ul	100
32) 4-Chloroaniline	11.067	127	119496	21.186	ng/ul	100
33) Hexachlorobutadiene	11.237	225	57120	24.027	ng/ul	100
34) Caprolactam	11.843	113	33288	23.391	ng/ul	100
35) 4-Chloro-3-methylphenol	12.183	107	101294	21.047	ng/ul	100
36) 2-Methylnaphthalene	12.559	142	192256	21.109	ng/ul	100

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37) 1-Methylnaphthalene	12.777	142	201305	20.715	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.918	216	106003	21.674	ng/ul	100
40) Hexachlorocyclopentadiene	12.894	237	65172	22.396	ng/ul	100
41) 2,4,6-Trichlorophenol	13.159	196	69378	21.987	ng/ul	100
42) 2,4,5-Trichlorophenol	13.229	196	76313	22.188	ng/ul	100
43) 1,1'-Biphenyl	13.558	154	269200	21.505	ng/ul	100
44) 2-Chloronaphthalene	13.599	162	202977	21.109	ng/ul	100
45) 2-Nitroaniline	13.805	65	82775	25.147	ng/ul	100
47) Dimethylphthalate	14.169	163	288265	21.829	ng/ul	100
48) 2,6-Dinitrotoluene	14.293	165	54379	24.815	ng/ul	100
50) Acenaphthylene	14.445	152	333266	20.486	ng/ul	100
51) 3-Nitroaniline	14.622	138	56341	25.106	ng/ul	100
52) Acenaphthene	14.786	153	231225	20.523	ng/ul	100
53) 2,4-Dinitrophenol	14.827	184	26228	23.553	ng/ul	100
55) 4-Nitrophenol	14.927	109	54700	23.192	ng/ul	100
56) Dibenzofuran	15.115	168	329520	20.901	ng/ul	100
57) 2,4-Dinitrotoluene	15.080	165	76904	23.643	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.339	232	73381	21.760	ng/ul	100
59) Diethylphthalate	15.527	149	311758	22.922	ng/ul	100
61) Fluorene	15.767	166	275171	21.090	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.756	204	139706	21.569	ng/ul	100
63) 4-Nitroaniline	15.779	138	61933	26.051	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.838	198	48102	23.372	ng/ul	100
67) N-Nitrosodiphenylamine	15.967	169	239483	21.794	ng/ul	100
68) 4-Bromophenyl-phenylether	16.649	248	98154	22.434	ng/ul	100
69) Hexachlorobenzene	16.760	284	115702	21.792	ng/ul	100
70) Atrazine	16.913	200	101091	23.032	ng/ul	100
71) Pentachlorophenol	17.107	266	61744	19.090	ng/ul	100
72) Phenanthrene	17.507	178	468649	20.964	ng/ul	100
74) Anthracene	17.595	178	486727	21.291	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.523	216	106159	22.424	ng/ul	100
76) Pentachlorobenzene	15.033	250	122378	21.525	ng/ul	100
77) Carbazole	17.865	167	439056	22.620	ng/ul	100
78) Di-n-butylphthalate	18.411	149	535761	23.078	ng/ul	100
80) Fluoranthene	19.504	202	549684	22.168	ng/ul	100
82) Pyrene	19.869	202	576219	21.855	ng/ul	100
83) Butylbenzylphthalate	20.744	149	239488	24.947	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.619	252	202850	25.075	ng/ul	100
85) Benzo(a)anthracene	21.702	228	571052	21.263	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.602	149	341904	24.229	ng/ul	100
87) Chrysene	21.772	228	539119	21.215	ng/ul	100
89) Di-n-octyl phthalate	22.824	149	584891	24.682	ng/ul	100
90) Benzo(b)fluoranthene	23.934	252	582991	21.586	ng/ul	100
91) Benzo(k)fluoranthene	24.005	252	572661	20.617	ng/ul	100
93) Benzo(a)pyrene	24.816	252	553105	21.272	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.664	276	695157	21.455	ng/ul	100
95) Dibenzo(a,h)anthracene	28.735	278	577006	21.416	ng/ul	100
96) Benzo(g,h,i)perylene	29.827	276	556281	21.299	ng/ul	100

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

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