Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG073124\
Data File : BG062217.D
Acq On : 31 Jul 2024 13:11
Operator : MA/JU
Sample : SSTD04037
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 01 02:09:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG073124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 31 16:23:55 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD040421

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/03/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.982	152	33174	20.000	ng/ul	0.00
20) Naphthalene-d8	10.778	136	159380	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.602	164	122644	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.346	188	298773	20.000	ng/ul	0.00
79) Chrysene-d12	21.593	240	297653	20.000	ng/ul	0.00
88) Perylene-d12	24.706	264	325719	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.441	96	12881	16.525	ng/uL	0.00
4) Pyridine-d5	3.840	84	101320	42.563	ng/ul	0.00
7) Phenol-d5	7.130	99	129991	40.945	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.312	67	80696	41.215	ng/ul	0.00
11) 2-Chlorophenol-d4	7.512	132	93347	43.714	ng/ul	0.00
15) 4-Methylphenol-d8	8.675	113	110274	41.733	ng/ul	0.00
21) Nitrobenzene-d5	9.139	128	31301	47.350	ng/ul	0.00
24) 2-Nitrophenol-d4	9.856	143	29672	47.912	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.390	165	104122	44.901	ng/ul	0.00
31) 4-Chloroaniline-d4	10.901	131	163477	41.667	ng/ul	0.00
46) Dimethylphthalate-d6	14.015	166	381833	41.312	ng/ul	0.00
49) Acenaphthylene-d8	14.297	160	421904	41.349	ng/ul	0.00
54) 4-Nitrophenol-d4	14.778	143	48472	43.697	ng/ul	0.00
60) Fluorene-d10	15.595	176	336474	40.971	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.701	200	27598	38.967	ng/ul	0.00
73) Anthracene-d10	17.440	188	555990	40.382	ng/ul	0.00
81) Pyrene-d10	19.725	212	684798	41.109	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.495	264	656341	41.218	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.470	88	14052	14.616	ng/uL	94
5) Pyridine	3.864	79	106674	42.026	ng/ul	93
6) Benzaldehyde	7.118	77	78069	45.557	ng/ul	98
8) Phenol	7.159	94	132348	40.415	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.406	93	101621	41.129	ng/ul	99
12) 2-Chlorophenol	7.541	128	95792	43.183	ng/ul	95
13) 2-Methylphenol	8.411	108	103439	40.917	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.510	45	214607	40.819	ng/ul#	97
16) Acetophenone	8.798	105	178399	41.572	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.792	70	97602	41.285	ng/ul	98
18) 4-Methylphenol	8.740	108	113571	40.786	ng/ul	100
19) Hexachloroethane	9.069	117	37269	42.206	ng/ul	89
22) Nitrobenzene	9.174	77	98239	49.609	ng/ul	98
23) Isophorone	9.703	82	285268	40.538	ng/ul	97
25) 2-Nitrophenol	9.885	139	37253	51.928	ng/ul	93
26) 2,4-Dimethylphenol	9.944	107	127030	40.633	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.191	93	152697	40.095	ng/ul	98
29) 2,4-Dichlorophenol	10.420	162	103746	44.829	ng/ul	99
30) Naphthalene	10.831	128	359778	40.620	ng/ul	99
32) 4-Chloroaniline	10.931	127	156734	41.578	ng/ul	99
33) Hexachlorobutadiene	11.125	225	75098	40.991	ng/ul	97
34) Caprolactam	11.683	113	41895m	42.494	ng/ul	
35) 4-Chloro-3-methylphenol	12.047	107	126179	41.935	ng/ul	99
36) 2-Methylnaphthalene	12.435	142	252562	40.344	ng/ul	100

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37) 1-Methylnaphthalene	12.652	142	265482	41.146	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.799	216	150429	41.445	ng/ul	98
40) Hexachlorocyclopentadiene	12.787	237	78362	41.574	ng/ul	96
41) 2,4,6-Trichlorophenol	13.028	196	85187	47.496	ng/ul	98
42) 2,4,5-Trichlorophenol	13.098	196	94000	46.347	ng/ul	100
43) 1,1'-Biphenyl	13.439	154	359252	40.606	ng/ul	99
44) 2-Chloronaphthalene	13.480	162	281820	40.617	ng/ul	99
45) 2-Nitroaniline	13.668	65	61803	50.379	ng/ul	98
47) Dimethylphthalate	14.062	163	388273	40.483	ng/ul	98
48) 2,6-Dinitrotoluene	14.173	165	44131	48.844	ng/ul	95
50) Acenaphthylene	14.326	152	465929	40.475	ng/ul	99
51) 3-Nitroaniline	14.496	138	49015	43.520	ng/ul	95
52) Acenaphthene	14.667	153	327780	40.289	ng/ul	97
53) 2,4-Dinitrophenol	14.696	184	15405	32.544	ng/ul	85
55) 4-Nitrophenol	14.796	109	45742	42.638	ng/ul	94
56) Dibenzofuran	15.002	168	454910	40.353	ng/ul	99
57) 2,4-Dinitrotoluene	14.955	165	63044	51.076	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.219	232	90333	46.794	ng/ul	95
59) Diethylphthalate	15.430	149	402771	40.962	ng/ul	99
61) Fluorene	15.648	166	367145	40.449	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.648	204	182667	39.761	ng/ul	97
63) 4-Nitroaniline	15.654	138	55956	44.690	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.712	198	30193	38.066	ng/ul#	97
67) N-Nitrosodiphenylamine	15.853	169	331807	39.910	ng/ul	98
68) 4-Bromophenyl-phenylether	16.541	248	130737	40.856	ng/ul	96
69) Hexachlorobenzene	16.646	284	139961	40.460	ng/ul	99
70) Atrazine	16.805	200	132231	41.329	ng/ul	97
71) Pentachlorophenol	16.987	266	76573	34.926	ng/ul	93
72) Phenanthrene	17.387	178	651346	40.406	ng/ul	99
74) Anthracene	17.475	178	673057	40.336	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.404	216	150448	40.824	ng/ul	99
76) Pentachlorobenzene	14.919	250	160478	41.179	ng/ul	98
77) Carbazole	17.739	167	576770	42.118	ng/ul	99
78) Di-n-butylphthalate	18.321	149	701410	41.302	ng/ul	99
80) Fluoranthene	19.390	202	794752	40.736	ng/ul	99
82) Pyrene	19.754	202	819314	40.286	ng/ul	100
83) Butylbenzylphthalate	20.659	149	300878	44.088	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.487	252	280450	43.335	ng/ul	96
85) Benzo(a)anthracene	21.575	228	846387	40.018	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.522	149	452495	42.416	ng/ul	99
87) Chrysene	21.640	228	791924	40.063	ng/ul	99
89) Di-n-octyl phthalate	22.715	149	772462	42.241	ng/ul	100
90) Benzo(b)fluoranthene	23.725	252	831475	41.033	ng/ul	99
91) Benzo(k)fluoranthene	23.796	252	815622	40.489	ng/ul	99
93) Benzo(a)pyrene	24.565	252	780912	40.748	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.237	276	912344	40.489	ng/ul	99
95) Dibenzo(a,h)anthracene	28.313	278	769423	40.726	ng/ul	99
96) Benzo(g,h,i)perylene	29.329	276	737116	40.759	ng/ul	98

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

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