Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080524\
Data File : BG062236.D
Acq On : 5 Aug 2024 13:21
Operator : MA/JU
Sample : SSTD08044
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 05 13:53:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 13:18:00 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD080429

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.966	152	49037	20.000	ng/ul	0.00
20) Naphthalene-d8	10.768	136	232370	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.586	164	165679	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.330	188	355658	20.000	ng/ul	0.00
79) Chrysene-d12	21.577	240	345387	20.000	ng/ul	0.00
88) Perylene-d12	24.679	264	396845	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.425	96	37277	31.868	ng/uL	0.00
4) Pyridine-d5	3.830	84	293454	80.667	ng/ul	0.00
7) Phenol-d5	7.126	99	373850	80.432	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.302	67	228125	77.117	ng/ul	0.00
11) 2-Chlorophenol-d4	7.502	132	287315	94.297	ng/ul	0.00
15) 4-Methylphenol-d8	8.671	113	317607	82.022	ng/ul	0.01
21) Nitrobenzene-d5	9.123	128	135852	129.176	ng/ul	0.00
24) 2-Nitrophenol-d4	9.846	143	137558	141.314	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.380	165	314464	90.690	ng/ul	0.00
31) 4-Chloroaniline-d4	10.892	131	441185	77.030	ng/ul	0.00
46) Dimethylphthalate-d6	14.005	166	976460	78.700	ng/ul	0.00
49) Acenaphthylene-d8	14.287	160	1120035	76.472	ng/ul	0.00
54) 4-Nitrophenol-d4	14.780	143	151020	96.918	ng/ul	0.02
60) Fluorene-d10	15.585	176	865814	73.007	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.697	200	100793	107.479	ng/ul	0.01
73) Anthracene-d10	17.430	188	1305839	75.506	ng/ul	0.00
81) Pyrene-d10	19.715	212	1578796	75.783	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.473	264	1691136	80.195	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.460	88	39943	28.217	ng/uL	94
5) Pyridine	3.848	79	300461	79.636	ng/ul	99
6) Benzaldehyde	7.103	77	169228	62.846	ng/ul	99
8) Phenol	7.149	94	393624	81.468	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.390	93	292746	78.969	ng/ul	97
12) 2-Chlorophenol	7.531	128	303235	93.185	ng/ul	92
13) 2-Methylphenol	8.401	108	301491	80.408	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.495	45	598226	76.770	ng/ul	100
16) Acetophenone	8.794	105	488475	76.114	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.794	70	269199	79.692	ng/ul	93
18) 4-Methylphenol	8.741	108	337816	81.231	ng/ul	96
19) Hexachloroethane	9.053	117	109945	89.291	ng/ul	99
22) Nitrobenzene	9.170	77	362154	112.851	ng/ul	98
23) Isophorone	9.705	82	742488	73.280	ng/ul	99
25) 2-Nitrophenol	9.875	139	160983	134.760	ng/ul	94
26) 2,4-Dimethylphenol	9.940	107	369673	81.556	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.181	93	428610	76.257	ng/ul	100
29) 2,4-Dichlorophenol	10.410	162	318601	90.007	ng/ul	98
30) Naphthalene	10.815	128	1021451	76.762	ng/ul	99
32) 4-Chloroaniline	10.921	127	428800	76.571	ng/ul	99
33) Hexachlorobutadiene	11.109	225	232075	80.172	ng/ul	98
34) Caprolactam	11.696	113	105251m	77.339	ng/ul	
35) 4-Chloro-3-methylphenol	12.037	107	344974	80.841	ng/ul	99
36) 2-Methylnaphthalene	12.419	142	685712	74.273	ng/ul	98

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37) 1-Methylnaphthalene	12.642	142	684252	72.624	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.789	216	419739	75.971	ng/ul	98
40) Hexachlorocyclopentadiene	12.771	237	179532	72.386	ng/ul	99
41) 2,4,6-Trichlorophenol	13.024	196	261750	93.183	ng/ul	100
42) 2,4,5-Trichlorophenol	13.094	196	283397	91.193	ng/ul	98
43) 1,1'-Biphenyl	13.429	154	930965	71.683	ng/ul	99
44) 2-Chloronaphthalene	13.470	162	727177	72.413	ng/ul	99
45) 2-Nitroaniline	13.664	65	232012	128.321	ng/ul	97
47) Dimethylphthalate	14.052	163	978023	77.324	ng/ul	99
48) 2,6-Dinitrotoluene	14.164	165	177576	137.231	ng/ul	99
50) Acenaphthylene	14.316	152	1182188	75.481	ng/ul	98
51) 3-Nitroaniline	14.487	138	164854	98.131	ng/ul#	95
52) Acenaphthene	14.657	153	882270	76.095	ng/ul	100
53) 2,4-Dinitrophenol	14.686	184	68993	106.444	ng/ul#	81
55) 4-Nitrophenol	14.792	109	134207	92.565	ng/ul	96
56) Dibenzofuran	14.992	168	1205718	74.271	ng/ul	96
57) 2,4-Dinitrotoluene	14.951	165	237007	129.000	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.209	232	259201	96.831	ng/ul	94
59) Diethylphthalate	15.427	149	976163	77.316	ng/ul	99
61) Fluorene	15.638	166	899935	69.855	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.632	204	467313	70.325	ng/ul	99
63) 4-Nitroaniline	15.656	138	149508	81.000	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.714	198	119339	111.699	ng/ul#	97
67) N-Nitrosodiphenylamine	15.844	169	835306	77.904	ng/ul	98
68) 4-Bromophenyl-phenylether	16.525	248	320719	79.077	ng/ul	99
69) Hexachlorobenzene	16.637	284	365210	78.914	ng/ul	99
70) Atrazine	16.801	200	323692	79.994	ng/ul	100
71) Pentachlorophenol	16.977	266	223366	92.384	ng/ul	98
72) Phenanthrene	17.377	178	1509279	74.943	ng/ul	99
74) Anthracene	17.465	178	1542838	75.097	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.388	216	418961	79.996	ng/ul	99
76) Pentachlorobenzene	14.910	250	445579	82.103	ng/ul	95
77) Carbazole	17.729	167	1317736	77.360	ng/ul	99
78) Di-n-butylphthalate	18.311	149	1583118	83.576	ng/ul	99
80) Fluoranthene	19.380	202	1772721	75.342	ng/ul	99
82) Pyrene	19.744	202	1864016	73.955	ng/ul	98
83) Butylbenzylphthalate	20.643	149	713331	94.482	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.477	252	591967	74.985	ng/ul	100
85) Benzo(a)anthracene	21.559	228	1951582	77.243	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.501	149	1056547	90.301	ng/ul	97
87) Chrysene	21.624	228	1835511	76.556	ng/ul	98
89) Di-n-octyl phthalate	22.687	149	1820500	88.052	ng/ul	100
90) Benzo(b)fluoranthene	23.704	252	1874546	77.711	ng/ul	100
91) Benzo(k)fluoranthene	23.774	252	1913088	78.480	ng/ul	98
93) Benzo(a)pyrene	24.549	252	1805615	79.708	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.209	276	2391363	81.426	ng/ul	97
95) Dibenzo(a,h)anthracene	28.280	278	1926814	81.696	ng/ul	99
96) Benzo(g,h,i)perylene	29.302	276	1834443	81.545	ng/ul	98

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

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