Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM070621\
Data File : BM030819.D
Acq On : 06 Jul 2021 13:19
Operator : CG/JU
Sample : SSTD08006
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD080106

Quant Time: Jul 06 13:48:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 06 13:25:17 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	92145	20.00	ng/ul	0.00
20) Naphthalene-d8	10.55	136	398477	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.40	164	253763	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.14	188	473797	20.00	ng/ul	0.00
79) Chrysene-d12	21.31	240	385349	20.00	ng/ul	0.00
88) Perylene-d12	23.56	264	365028	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	74073	32.59	ng/uL	0.00
4) Pyridine-d5	3.66	84	530621	86.89	ng/ul	-0.01
7) Phenol-d5	6.94	99	670110	84.32	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.10	67	419927	84.07	ng/ul	0.00
11) 2-Chlorophenol-d4	7.30	132	542132	88.38	ng/ul	0.00
15) 4-Methylphenol-d8	8.48	113	541146	87.50	ng/ul	0.01
21) Nitrobenzene-d5	8.93	128	265261	89.21	ng/ul	0.00
24) 2-Nitrophenol-d4	9.65	143	305205	92.36	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.17	165	562183	88.81	ng/ul	0.00
31) 4-Chloroaniline-d4	10.69	131	733259	83.06	ng/ul	0.00
46) Dimethylphthalate-d6	13.82	166	1511482	86.26	ng/ul	0.00
49) Acenaphthylene-d8	14.09	160	1981433	87.12	ng/ul	0.00
54) 4-Nitrophenol-d4	14.61	143	273109	82.27	ng/ul	0.01
60) Fluorene-d10	15.39	176	1326438	85.35	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.52	200	274508	88.56	ng/ul	0.00
73) Anthracene-d10	17.24	188	1898521	85.86	ng/ul	0.00
81) Pyrene-d10	19.53	212	1816919	89.98	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.42	264	1627945	85.78	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	76592	31.685	ng/uL	98
5) Pyridine	3.68	79	556935	84.724	ng/ul	98
6) Benzaldehyde	6.92	77	317312	82.119	ng/ul	99
8) Phenol	6.97	94	682113	84.888	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.20	93	524576	82.831	ng/ul	100
12) 2-Chlorophenol	7.33	128	541118	87.538	ng/ul	99
13) 2-Methylphenol	8.21	108	503553	86.479	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.30	45	858802	85.548	ng/ul	99
16) Acetophenone	8.59	105	841652	88.129	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.59	70	451883	95.659	ng/ul	97
18) 4-Methylphenol	8.55	108	549069	86.587	ng/ul	97
19) Hexachloroethane	8.84	117	228282	88.137	ng/ul	94
22) Nitrobenzene	8.97	77	655894	87.439	ng/ul	97
23) Isophorone	9.50	82	1179362	90.792	ng/ul	99
25) 2-Nitrophenol	9.67	139	316034	90.071	ng/ul	97
26) 2,4-Dimethylphenol	9.73	107	620590	87.508	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.97	93	718881	85.063	ng/ul	98
29) 2,4-Dichlorophenol	10.20	162	534917	88.206	ng/ul	99
30) Naphthalene	10.60	128	1680316	83.286	ng/ul	99
32) 4-Chloroaniline	10.72	127	731590	83.478	ng/ul	100
33) Hexachlorobutadiene	10.88	225	353688	86.253	ng/ul	98
34) Caprolactam	11.52	113	82955	47.128	ng/ul	97

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35) 4-Chloro-3-methylphenol	11.85	107	546459	91.769	ng/ul	100
36) 2-Methylnaphthalene	12.22	142	1224335	86.962	ng/ul	100
37) 1-Methylnaphthalene	12.43	142	1226476	86.063	ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	665144	84.014	ng/ul	99
40) Hexachlorocyclopentadiene	12.56	237	414640	80.260	ng/ul	98
41) 2,4,6-Trichlorophenol	12.83	196	440323	88.311	ng/ul	97
42) 2,4,5-Trichlorophenol	12.90	196	468317	88.007	ng/ul	99
43) 1,1'-Biphenyl	13.23	154	1570205	83.840	ng/ul	99
44) 2-Chloronaphthalene	13.27	162	1218211	82.737	ng/ul	99
45) 2-Nitroaniline	13.48	65	382692	96.713	ng/ul	99
47) Dimethylphthalate	13.86	163	1468604	85.544	ng/ul	100
48) 2,6-Dinitrotoluene	13.99	165	314762	95.157	ng/ul	95
50) Acenaphthylene	14.12	152	1800827	85.359	ng/ul	99
51) 3-Nitroaniline	14.32	138	301206	85.480	ng/ul	94
52) Acenaphthene	14.46	153	1291432	84.348	ng/ul	99
53) 2,4-Dinitrophenol	14.52	184	196831	90.517	ng/ul	99
55) 4-Nitrophenol	14.63	109	229385	86.375	ng/ul	96
56) Dibenzofuran	14.80	168	1790052	83.865	ng/ul	99
57) 2,4-Dinitrotoluene	14.77	165	428505	92.520	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.03	232	385666	89.530	ng/ul	99
59) Diethylphthalate	15.22	149	1471879	89.249	ng/ul	99
61) Fluorene	15.44	166	1535534	87.292	ng/ul	98
62) 4-Chlorophenyl-phenylether	15.44	204	777015	88.696	ng/ul	99
63) 4-Nitroaniline	15.48	138	282566	84.210	ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.54	198	261749	86.770	ng/ul#	97
67) N-Nitrosodiphenylamine	15.66	169	1241496	87.919	ng/ul	99
68) 4-Bromophenyl-phenylether	16.33	248	445941	92.242	ng/ul	96
69) Hexachlorobenzene	16.45	284	496627	88.811	ng/ul	96
70) Atrazine	16.61	200	420945	84.046	ng/ul	100
71) Pentachlorophenol	16.79	266	304565	86.917	ng/ul	98
72) Phenanthrene	17.18	178	2135569	83.933	ng/ul	99
74) Anthracene	17.27	178	2223185	85.457	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.20	216	649894	86.000	ng/uL	99
76) Pentachlorobenzene	14.72	250	632900	87.921	ng/uL	99
77) Carbazole	17.54	167	1846098	79.136	ng/ul	100
78) Di-n-butylphthalate	18.10	149	2274564	95.688	ng/ul	99
80) Fluoranthene	19.19	202	2254150	91.408	ng/ul	99
82) Pyrene	19.56	202	2321890	89.608	ng/ul	99
83) Butylbenzylphthalate	20.45	149	856347	100.400	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.23	252	541750	71.321	ng/ul	99
85) Benzo(a)anthracene	21.30	228	2008791	84.000	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.22	149	1271990	103.685	ng/ul	100
87) Chrysene	21.34	228	1945344	83.444	ng/ul	100
89) Di-n-octyl phthalate	22.10	149	1967820	93.713	ng/ul	100
90) Benzo(b)fluoranthene	22.89	252	1965728	84.821	ng/ul	99
91) Benzo(k)fluoranthene	22.93	252	1934910	86.877	ng/ul	99
93) Benzo(a)pyrene	23.47	252	1781232	85.479	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.84	276	2312284	88.143	ng/ul	99
95) Dibenzo(a,h)anthracene	25.85	278	1951980	89.758	ng/ul	99
96) Benzo(g,h,i)perylene	26.53	276	1711670	78.204	ng/ul	99

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Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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