Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011921\
Data File : BP004605.D
Acq On : 19 Jan 2021 13:22
Operator : CG/JU
Sample : SSTD08001
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTD08001

Quant Time: Jan 19 14:31:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP011921.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 19 13:42:58 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	276647	20.00	ng/ul	0.00
20) Naphthalene-d8	10.60	136	1155508	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.45	164	700939	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.22	188	1456294	20.00	ng/ul	0.00
79) Chrysene-d12	21.32	240	1427047	20.00	ng/ul	0.00
88) Perylene-d12	23.66	264	1540566	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	243690	37.24	ng/uL	0.00
4) Pyridine-d5	3.69	84	1705670	100.91	ng/ul	0.00
7) Phenol-d5	6.98	99	1995365	87.70	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.13	67	1094286	85.78	ng/ul	0.00
11) 2-Chlorophenol-d4	7.33	132	1593666	86.60	ng/ul	0.00
15) 4-Methylphenol-d8	8.52	113	1584759	87.70	ng/ul	0.00
21) Nitrobenzene-d5	8.96	128	779084	80.52	ng/ul	0.00
24) 2-Nitrophenol-d4	9.68	143	882276	86.86	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.23	165	1587977	81.93	ng/ul	0.00
31) 4-Chloroaniline-d4	10.74	131	2197505	83.78	ng/ul	0.00
46) Dimethylphthalate-d6	13.86	166	4320112	77.45	ng/ul	0.00
49) Acenaphthylene-d8	14.15	160	5307978	77.38	ng/ul	0.00
54) 4-Nitrophenol-d4	14.69	143	748863	78.15	ng/ul	0.00
60) Fluorene-d10	15.46	176	3704251	76.17	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.60	200	773240	86.77	ng/ul	0.00
73) Anthracene-d10	17.32	188	5571965	78.88	ng/ul	0.00
81) Pyrene-d10	19.56	212	6068828	81.19	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.52	264	6531932	79.98	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	257220	37.729	ng/uL	96
5) Pyridine	3.70	79	1727391	101.235	ng/ul	95
6) Benzaldehyde	6.95	77	798300	87.996	ng/ul	99
8) Phenol	7.00	94	2049275	87.710	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.23	93	1605665	84.377	ng/ul	98
12) 2-Chlorophenol	7.37	128	1610447	85.801	ng/ul	98
13) 2-Methylphenol	8.25	108	1562146	87.339	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.33	45	1858912	92.319	ng/ul	97
16) Acetophenone	8.63	105	2397727	86.081	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.62	70	1138795	85.575	ng/ul	97
18) 4-Methylphenol	8.59	108	1692086	89.013	ng/ul	96
19) Hexachloroethane	8.88	117	657133	79.335	ng/ul	90
22) Nitrobenzene	9.00	77	1792142	79.932	ng/ul	99
23) Isophorone	9.53	82	3440789	82.598	ng/ul	98
25) 2-Nitrophenol	9.72	139	934426	85.986	ng/ul	97
26) 2,4-Dimethylphenol	9.78	107	1758697	85.438	ng/ul	98
27) Bis(2-Chloroethoxy)methane	10.01	93	2150771	81.845	ng/ul	100
29) 2,4-Dichlorophenol	10.25	162	1542145	81.587	ng/ul	97
30) Naphthalene	10.65	128	5096800	78.736	ng/ul	99
32) 4-Chloroaniline	10.76	127	2121681	84.034	ng/ul	99
33) Hexachlorobutadiene	10.93	225	978853	69.534	ng/ul	98
34) Caprolactam	11.55	113	282066	45.183	ng/ul	95
35) 4-Chloro-3-methylphenol	11.90	107	1635817	88.268	ng/ul	99
36) 2-Methylnaphthalene	12.26	142	3541043	79.243	ng/ul	98
37) 1-Methylnaphthalene	12.49	142	3419744	79.447	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachlorobenzene	12.64	216	1856994	72.230	ng/ul	98
40) Hexachlorocyclopentadiene	12.62	237	772829	60.481	ng/ul	98
41) 2,4,6-Trichlorophenol	12.89	196	1193200	79.829	ng/ul	100
42) 2,4,5-Trichlorophenol	12.96	196	1236421	78.656	ng/ul	99
43) 1,1'-Biphenyl	13.28	154	4471955	77.499	ng/ul	99
44) 2-Chloronaphthalene	13.33	162	3569747	77.224	ng/ul	99
45) 2-Nitroaniline	13.54	65	978965	91.510	ng/ul	97
47) Dimethylphthalate	13.91	163	4385680	77.960	ng/ul	99
48) 2,6-Dinitrotoluene	14.04	165	960169	83.657	ng/ul	98
50) Acenaphthylene	14.17	152	5318934	78.383	ng/ul	99
51) 3-Nitroaniline	14.37	138	831484	87.387	ng/ul	99
52) Acenaphthene	14.52	153	3766693	78.815	ng/ul	100
53) 2,4-Dinitrophenol	14.59	184	478455	82.173	ng/ul	92
55) 4-Nitrophenol	14.70	109	536777	79.226	ng/ul	99
56) Dibenzofuran	14.86	168	5113251	75.244	ng/ul	98
57) 2,4-Dinitrotoluene	14.84	165	1344594	81.209	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.09	232	1038223	74.944	ng/ul	97
59) Diethylphthalate	15.28	149	4314357	78.448	ng/ul	100
61) Fluorene	15.51	166	4167796	76.282	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.50	204	2139050	72.133	ng/ul	100
63) 4-Nitroaniline	15.54	138	806228	95.255	ng/ul	99
66) 4,6-Dinitro-2-methylphenol	15.61	198	819471	86.359	ng/ul#	97
67) N-Nitrosodiphenylamine	15.72	169	3618751	84.207	ng/ul	100
68) 4-Bromophenyl-phenylether	16.40	248	1372864	76.884	ng/ul	96
69) Hexachlorobenzene	16.52	284	1539664	74.061	ng/ul	97
70) Atrazine	16.68	200	1388197	82.611	ng/ul	98
71) Pentachlorophenol	16.87	266	687727	68.470	ng/ul	99
72) Phenanthrene	17.26	178	6640565	78.456	ng/ul	98
74) Anthracene	17.35	178	6699266	78.676	ng/ul	97
75) 1,2,3,4-Tetrachlorobenzene	13.25	216	1828279	76.928	ng/uL	98
76) Pentachlorobenzene	14.78	250	1815829	75.844	ng/uL	100
77) Carbazole	17.63	167	5970026	84.521	ng/ul	98
78) Di-n-butylphthalate	18.17	149	7214710	84.860	ng/ul	98
80) Fluoranthene	19.23	202	7608330	81.514	ng/ul	96
82) Pyrene	19.59	202	7682236	79.519	ng/ul	98
83) Butylbenzylphthalate	20.46	149	3332453	97.208	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.23	252	2745660	90.304	ng/ul	99
85) Benzo(a)anthracene	21.30	228	7324636	76.837	ng/ul	97
86) Bis(2-ethylhexyl)phthalate	21.22	149	4714410	90.898	ng/ul	97
87) Chrysene	21.35	228	7181629	77.098	ng/ul	97
89) Di-n-octyl phthalate	22.12	149	8142822	93.267	ng/ul	100
90) Benzo(b)fluoranthene	22.95	252	7767689	79.215	ng/ul	98
91) Benzo(k)fluoranthene	23.00	252	7644851	77.235	ng/ul	97
93) Benzo(a)pyrene	23.57	252	7269464	79.374	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.10	276	9266734	80.252	ng/ul	95
95) Dibenzo(a,h)anthracene	26.10	278	7702394	80.323	ng/ul	97
96) Benzo(g,h,i)perylene	26.84	276	7705638	79.232	ng/ul	97

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

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