Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011921\
Data File : BM028455.D
Acq On : 19 Jan 2021 12:08
Operator : CG/JU
Sample : SSTD04015
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD040015

Quant Time: Jan 19 12:48:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM011921.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 19 12:22:08 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	31954	20.00	ng/ul	0.00
20) Naphthalene-d8	10.90	136	131712	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.72	164	74411	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.44	188	141739	20.00	ng/ul	0.00
79) Chrysene-d12	21.57	240	119584	20.00	ng/ul	0.00
88) Perylene-d12	23.89	264	111298	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	12111	15.37	ng/uL	0.00
4) Pyridine-d5	3.78	84	88717	39.52	ng/ul	0.00
7) Phenol-d5	7.23	99	109144	40.37	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.40	67	68796	41.21	ng/ul	0.00
11) 2-Chlorophenol-d4	7.60	132	94114	41.52	ng/ul	0.00
15) 4-Methylphenol-d8	8.80	113	89567	41.04	ng/ul	0.00
21) Nitrobenzene-d5	9.26	128	44205	41.44	ng/ul	0.00
24) 2-Nitrophenol-d4	9.98	143	48834	43.18	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.52	165	89762	42.18	ng/ul	0.00
31) 4-Chloroaniline-d4	11.04	131	120264	41.35	ng/ul	0.00
46) Dimethylphthalate-d6	14.13	166	245175	43.62	ng/ul	0.00
49) Acenaphthylene-d8	14.42	160	300830	42.10	ng/ul	0.00
54) 4-Nitrophenol-d4	14.91	143	41630	38.44	ng/ul	0.00
60) Fluorene-d10	15.71	176	201947	40.57	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.83	200	37575	40.94	ng/ul	0.00
73) Anthracene-d10	17.54	188	287948	41.09	ng/ul	0.00
81) Pyrene-d10	19.81	212	284644	41.44	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.74	264	248609	41.61	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	12705	15.673	ng/uL	97
5) Pyridine	3.80	79	88308	39.089	ng/ul	97
6) Benzaldehyde	7.21	77	55089	52.572	ng/ul	98
8) Phenol	7.26	94	110297	40.256	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.50	93	92037	41.196	ng/ul	98
12) 2-Chlorophenol	7.64	128	96266	41.207	ng/ul	98
13) 2-Methylphenol	8.53	108	84313	40.602	ng/ul	95
14) 2,2'-oxybis(1-Chloropropan	8.62	45	158497	42.942	ng/ul	99
16) Acetophenone	8.92	105	136310	40.938	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.90	70	71055	43.284	ng/ul	98
18) 4-Methylphenol	8.86	108	90416	40.510	ng/ul	99
19) Hexachloroethane	9.17	117	42678	42.804	ng/ul	97
22) Nitrobenzene	9.30	77	106973	41.055	ng/ul	100
23) Isophorone	9.83	82	193871	44.035	ng/ul	98
25) 2-Nitrophenol	10.02	139	53251	42.635	ng/ul	97
26) 2,4-Dimethylphenol	10.07	107	101113	41.411	ng/ul	97
27) Bis(2-Chloroethoxy)methane	10.31	93	122761	42.143	ng/ul	99
29) 2,4-Dichlorophenol	10.55	162	86606	41.588	ng/ul	98
30) Naphthalene	10.96	128	301831	40.516	ng/ul	99
32) 4-Chloroaniline	11.06	127	116827	41.148	ng/ul	98
33) Hexachlorobutadiene	11.23	225	57901	42.405	ng/ul	98
34) Caprolactam	11.85	113	25438	40.645	ng/ul	95
35) 4-Chloro-3-methylphenol	12.18	107	89239	41.446	ng/ul	99
36) 2-Methylnaphthalene	12.56	142	205952	41.355	ng/ul	100
37) 1-Methylnaphthalene	12.77	142	198412	41.371	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachlorobenzene	12.92	216	103219	41.206	ng/ul	97
40) Hexachlorocyclopentadiene	12.90	237	53587	36.799	ng/ul	98
41) 2,4,6-Trichlorophenol	13.16	196	65965	42.360	ng/ul	96
42) 2,4,5-Trichlorophenol	13.23	196	71056	42.109	ng/ul	98
43) 1,1'-Biphenyl	13.56	154	261546	41.168	ng/ul	100
44) 2-Chloronaphthalene	13.60	162	204372	40.598	ng/ul	99
45) 2-Nitroaniline	13.80	65	58814	42.345	ng/ul	97
47) Dimethylphthalate	14.17	163	249910	42.835	ng/ul	98
48) 2,6-Dinitrotoluene	14.30	165	51798	44.731	ng/ul	100
50) Acenaphthylene	14.44	152	301485	41.042	ng/ul	99
51) 3-Nitroaniline	14.63	138	46243	41.923	ng/ul	98
52) Acenaphthene	14.79	153	215715	40.900	ng/ul	99
53) 2,4-Dinitrophenol	14.83	184	27125	39.062	ng/ul	99
55) 4-Nitrophenol	14.93	109	33079	39.367	ng/ul	97
56) Dibenzofuran	15.12	168	286789	40.355	ng/ul	99
57) 2,4-Dinitrotoluene	15.08	165	70096	43.121	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.34	232	58478	42.906	ng/ul	98
59) Diethylphthalate	15.53	149	259812	44.917	ng/ul	99
61) Fluorene	15.76	166	241019	40.729	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.75	204	119577	41.693	ng/ul	99
63) 4-Nitroaniline	15.78	138	43739	45.406	ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.84	198	40312	40.695	ng/ul	99
67) N-Nitrosodiphenylamine	15.96	169	197805	42.299	ng/ul	98
68) 4-Bromophenyl-phenylether	16.64	248	72384	43.976	ng/ul	100
69) Hexachlorobenzene	16.76	284	80603	42.617	ng/ul	98
70) Atrazine	16.90	200	73263	45.158	ng/ul	100
71) Pentachlorophenol	17.10	266	44855	41.005	ng/ul	100
72) Phenanthrene	17.49	178	352333	40.805	ng/ul	100
74) Anthracene	17.58	178	362103	41.253	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.53	216	99438	41.858	ng/uL	99
76) Pentachlorobenzene	15.04	250	97957	42.443	ng/uL	98
77) Carbazole	17.84	167	299283	39.682	ng/ul	99
78) Di-n-butylphthalate	18.39	149	448123	51.232	ng/ul	100
80) Fluoranthene	19.48	202	379928	42.123	ng/ul	99
82) Pyrene	19.84	202	384073	41.164	ng/ul	98
83) Butylbenzylphthalate	20.71	149	183553	53.114	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.49	252	102127	40.713	ng/ul	99
85) Benzo(a)anthracene	21.56	228	329471	41.168	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.47	149	285725	60.229	ng/ul	100
87) Chrysene	21.61	228	319836	40.370	ng/ul	99
89) Di-n-octyl phthalate	22.36	149	453660	56.864	ng/ul	100
90) Benzo(b)fluoranthene	23.19	252	315661	42.203	ng/ul	99
91) Benzo(k)fluoranthene	23.23	252	300783	40.695	ng/ul	99
93) Benzo(a)pyrene	23.79	252	279619	41.259	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.25	276	324831	40.885	ng/ul	99
95) Dibenzo(a,h)anthracene	26.26	278	275762	40.924	ng/ul	99
96) Benzo(g,h,i)perylene	26.98	276	273078	40.466	ng/ul	100

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

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