Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121520\
Data File : BM028125.D
Acq On : 15 Dec 2020 13:34
Operator : JU/CG
Sample : SSTD08003
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD08003

Quant Time: Dec 15 14:05:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 15 12:58:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	144678	20.00	ng/ul	0.00
18) Naphthalene-d8	11.05	136	579009	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	310413	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.56	188	561502	20.00	ng/ul	0.00
78) Chrysene-d12	21.67	240	484246	20.00	ng/ul	0.00
86) Perylene-d12	24.04	264	481026	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	120231	31.75	ng/uL	0.00
5) Phenol-d5	7.36	99	989558	72.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.53	67	618576	73.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	847426	83.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.93	113	791573	74.21	ng/ul	0.00
19) Nitrobenzene-d5	9.40	128	397425	81.28	ng/ul	0.00
22) 2-Nitrophenol-d4	10.12	143	422733	82.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.66	165	780304	75.56	ng/ul	0.00
29) 4-Chloroaniline-d4	11.18	131	905646	81.82	ng/ul	0.00
44) Dimethylphthalate-d6	14.25	166	1864264	75.71	ng/ul	0.00
47) Acenaphthylene-d8	14.54	160	2521832	81.30	ng/ul	0.00
52) 4-Nitrophenol-d4	15.02	143	348382	79.67	ng/ul	0.01
58) Fluorene-d10	15.83	176	1655025	75.94	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.94	200	299211	87.67	ng/ul	0.01
71) Anthracene-d10	17.66	188	2274283	80.28	ng/ul	0.00
79) Pyrene-d10	19.92	212	2222877	73.96	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.90	264	2224098	82.36	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	120961	29.476	ng/uL	94
4) Benzaldehyde	7.34	77	520743	63.648	ng/ul	99
6) Phenol	7.39	94	984137	71.563	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.63	93	815094	75.702	ng/ul	96
10) 2-Chlorophenol	7.78	128	853135	83.720	ng/ul	99
11) 2-Methylphenol	8.66	108	751819	73.833	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.75	45	1371474	82.817	ng/ul	99
14) Acetophenone	9.06	105	1171852	69.351	ng/ul	98
15) N-Nitroso-di-n-propylamine	9.05	70	587581	66.216	ng/ul	98
16) 4-Methylphenol	9.00	108	792498	73.126	ng/ul	97
17) Hexachloroethane	9.32	117	374133	77.860	ng/ul	97
20) Nitrobenzene	9.44	77	922970	63.749	ng/ul	98
21) Isophorone	9.98	82	1582253	66.088	ng/ul	99
23) 2-Nitrophenol	10.16	139	453374	83.993	ng/ul	97
24) 2,4-Dimethylphenol	10.20	107	868872	67.062	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.45	93	1050606	74.365	ng/ul	98
27) 2,4-Dichlorophenol	10.69	162	744378	76.537	ng/ul	99
28) Naphthalene	11.10	128	2618724	80.330	ng/ul	99
30) 4-Chloroaniline	11.20	127	870712	82.318	ng/ul	99
31) Hexachlorobutadiene	11.38	225	491906	67.305	ng/ul	97
32) Caprolactam	11.99	113	203731	70.069	ng/ul	94
33) 4-Chloro-3-methylphenol	12.31	107	741802	66.168	ng/ul	100
34) 2-Methylnaphthalene	12.69	142	1749682	78.637	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.91	142	2024565	77.972 ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	13.05	216	856052	75.388 ng/ul	98
38) Hexachlorocyclopentadiene	13.03	237	562792	73.876 ng/ul	99
39) 2,4,6-Trichlorophenol	13.29	196	540069	77.259 ng/ul	96
40) 2,4,5-Trichlorophenol	13.36	196	568501	75.174 ng/ul	99
41) 1,1'-Biphenyl	13.69	154	2162497	82.713 ng/ul	100
42) 2-Chloronaphthalene	13.73	162	1697180	80.369 ng/ul	99
43) 2-Nitroaniline	13.93	65	475695	67.720 ng/ul	96
45) Dimethylphthalate	14.29	163	1873250	74.505 ng/ul	99
46) 2,6-Dinitrotoluene	14.42	165	407564	85.215 ng/ul	98
48) Acenaphthylene	14.57	152	2507648	83.286 ng/ul	99
49) 3-Nitroaniline	14.74	138	369586	86.728 ng/ul	92
50) Acenaphthene	14.91	153	1747169	81.569 ng/ul	99
51) 2,4-Dinitrophenol	14.95	184	223745	80.134 ng/ul	97
53) 4-Nitrophenol	15.03	109	261224	50.488 ng/ul	97
54) Dibenzofuran	15.24	168	2319180	78.417 ng/ul	98
55) 2,4-Dinitrotoluene	15.19	165	544055	79.318 ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	15.46	232	457565	76.095 ng/ul	100
57) Diethylphthalate	15.64	149	1880350	76.586 ng/ul	98
59) Fluorene	15.88	166	1902497	79.116 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.87	204	928407	74.856 ng/ul	98
61) 4-Nitroaniline	15.90	138	364708	76.594 ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.95	198	315141	88.456 ng/ul#	97
65) N-Nitrosodiphenylamine	16.07	169	1559622	88.041 ng/ul	99
66) 4-Bromophenyl-phenylether	16.75	248	551104	87.091 ng/ul	98
67) Hexachlorobenzene	16.87	284	607307	83.169 ng/ul	97
68) Atrazine	17.01	200	507466	79.436 ng/ul	100
69) Pentachlorophenol	17.21	266	358199	84.224 ng/ul	98
70) Phenanthrene	17.60	178	2728307	82.467 ng/ul	100
72) Anthracene	17.70	178	2815971	83.697 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.65	216	830395	83.363 ng/uL	100
74) Pentachlorobenzene	15.16	250	760291	84.365 ng/uL	99
75) Carbazole	17.96	167	2359550	83.584 ng/ul	99
76) Di-n-butylphthalate	18.49	149	2951917	88.378 ng/ul	100
77) Fluoranthene	19.59	202	2895593	79.041 ng/ul	97
80) Pyrene	19.95	202	2944228	75.803 ng/ul	99
81) Butylbenzylphthalate	20.80	149	1224395	82.329 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.58	252	823859	87.957 ng/ul	98
83) Benzo(a)anthracene	21.66	228	2619518	76.352 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.56	149	1765019	90.107 ng/ul#	96
85) Chrysene	21.71	228	2544158	76.544 ng/ul	98
87) Di-n-octyl phthalate	22.47	149	2961839	82.237 ng/ul	100
88) Benzo(b)fluoranthene	23.33	252	2682002	79.164 ng/ul	99
89) Benzo(k)fluoranthene	23.37	252	2548248	78.059 ng/ul	99
91) Benzo(a)pyrene	23.94	252	2433589	81.076 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.49	276	2915568	83.878 ng/ul	97
93) Dibenzo(a,h)anthracene	26.50	278	2454845	84.647 ng/ul	98
94) Benzo(g,h,i)perylene	27.24	276	2497488	85.624 ng/ul	100

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

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