Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022121\
Data File : BM028843.D
Acq On : 20 Feb 2021 14:41
Operator : CG/JU
Sample : SSTD02004
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02004

Manual Integrations APPROVED
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Quant Time: Feb 20 15:45:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022121MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 20 15:43:14 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	19633	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	84026	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.49	164	54239	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	114381	20.00	ng/ul	0.00
78) Chrysene-d12	21.39	240	119195	20.00	ng/ul	0.00
86) Perylene-d12	23.61	264	111446	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	3408	7.31	ng/uL	0.00
5) Phenol-d5	7.01	99	29860	17.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	17505	16.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	26497	18.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	25563	18.88	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	12447	17.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	14226	18.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	27071	18.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	35736	21.46	ng/ul	0.00
44) Dimethylphthalate-d6	13.90	166	81166	18.85	ng/ul	0.00
47) Acenaphthylene-d8	14.18	160	103516	18.82	ng/ul	0.00
52) 4-Nitrophenol-d4	14.73	143	13800	17.10	ng/ul	0.00
58) Fluorene-d10	15.48	176	68351	18.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.63	200	13629	17.31	ng/ul	0.00
71) Anthracene-d10	17.33	188	106501	18.09	ng/ul	0.00
79) Pyrene-d10	19.61	212	115775	16.63	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.47	264	116695	18.45	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	3463	7.198	ng/uL	100
4) Benzaldehyde	6.97	77	18552	22.343	ng/ul	100
6) Phenol	7.04	94	30895	18.524	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.26	93	24546	18.040	ng/ul	100
10) 2-Chlorophenol	7.39	128	27561	18.807	ng/ul	100
11) 2-Methylphenol	8.29	108	24189	19.027	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.35	45	38293	16.550	ng/ul	100
14) Acetophenone	8.66	105	41220	20.575	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.65	70	19638	19.322	ng/ul	100
16) 4-Methylphenol	8.62	108	26607	19.663	ng/ul	100
17) Hexachloroethane	8.90	117	11303	17.498	ng/ul	100
20) Nitrobenzene	9.05	77	28988	16.850	ng/ul	100
21) Isophorone	9.57	82	53900	18.005	ng/ul	100
23) 2-Nitrophenol	9.76	139	15905	19.113	ng/ul	100
24) 2,4-Dimethylphenol	9.82	107	30609	19.143	ng/ul	100
25) Bis(2-Chloroethoxy)methane	10.05	93	34705	18.120	ng/ul	100
27) 2,4-Dichlorophenol	10.29	162	26762	19.496	ng/ul	100
28) Naphthalene	10.68	128	88104	18.207	ng/ul	100
30) 4-Chloroaniline	10.80	127	36457	22.793	ng/ul	100
31) Hexachlorobutadiene	10.95	225	16303	18.176	ng/ul	100
32) Caprolactam	11.60	113	8530	21.430	ng/ul	100
33) 4-Chloro-3-methylphenol	11.95	107	28632	20.508	ng/ul	100
34) 2-Methylnaphthalene	12.30	142	65030	20.261	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.52	142	62587	16.712	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.67	216	31948	17.076	ng/ul	100
38) Hexachlorocyclopentadiene	12.63	237	11238	10.424	ng/ul	100
39) 2,4,6-Trichlorophenol	12.92	196	21704	18.219	ng/ul	100
40) 2,4,5-Trichlorophenol	13.00	196	23390	18.475	ng/ul	100
41) 1,1'-Biphenyl	13.32	154	83583	17.639	ng/ul	100
42) 2-Chloronaphthalene	13.36	162	64667	17.434	ng/ul	100
43) 2-Nitroaniline	13.58	65	17950	16.902	ng/ul	100
45) Dimethylphthalate	13.95	163	83290	19.078	ng/ul	100
46) 2,6-Dinitrotoluene	14.08	165	17363	19.438	ng/ul	100
48) Acenaphthylene	14.21	152	97416	17.694	ng/ul	100
49) 3-Nitroaniline	14.42	138	17949	22.090	ng/ul	100
50) Acenaphthene	14.55	153	69800	17.838	ng/ul	100
51) 2,4-Dinitrophenol	14.63	184	8478	16.062	ng/ul	100
53) 4-Nitrophenol	14.74	109	11533	18.630	ng/ul	100
54) Dibenzofuran	14.89	168	98528	18.766	ng/ul	100
55) 2,4-Dinitrotoluene	14.87	165	25457	20.641	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	15.12	232	19658	18.984	ng/ul	100
57) Diethylphthalate	15.32	149	89975	20.153	ng/ul	100
59) Fluorene	15.54	166	82966	19.207	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.53	204	40387	19.025	ng/ul	100
61) 4-Nitroaniline	15.58	138	19754m	24.796	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.64	198	14519	17.548	ng/ul	100
65) N-Nitrosodiphenylamine	15.75	169	71757	18.490	ng/ul	100
66) 4-Bromophenyl-phenylether	16.42	248	24230	17.747	ng/ul	100
67) Hexachlorobenzene	16.53	284	27579	17.656	ng/ul	100
68) Atrazine	16.70	200	27344	20.270	ng/ul	100
69) Pentachlorophenol	16.89	266	14264	15.691	ng/ul	100
70) Phenanthrene	17.27	178	130254	18.443	ng/ul	100
72) Anthracene	17.36	178	137037	19.009	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.28	216	32324	16.363	ng/uL	100
74) Pentachlorobenzene	14.80	250	31571	17.030	ng/uL	100
75) Carbazole	17.64	167	121372	19.809	ng/ul	100
76) Di-n-butylphthalate	18.19	149	165760	20.205	ng/ul	100
77) Fluoranthene	19.28	202	153561	19.982	ng/ul	100
80) Pyrene	19.64	202	159574	17.305	ng/ul	100
81) Butylbenzylphthalate	20.53	149	78231	18.943	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.31	252	57138	21.504	ng/ul	100
83) Benzo(a)anthracene	21.37	228	153463	18.526	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.29	149	121152	19.553	ng/ul	100
85) Chrysene	21.43	228	148025	18.429	ng/ul	100
87) Di-n-octyl phthalate	22.16	149	202576	21.660	ng/ul	100
88) Benzo(b)fluoranthene	22.94	252	147706	19.577	ng/ul	100
89) Benzo(k)fluoranthene	22.99	252	150544	20.380	ng/ul	100
91) Benzo(a)pyrene	23.52	252	131547	18.885	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.86	276	147229	17.338	ng/ul	100
93) Dibenzo(a,h)anthracene	25.86	278	127256	17.781	ng/ul	100
94) Benzo(g,h,i)perylene	26.54	276	119578	16.878	ng/ul	100

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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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