Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061721\
Data File : BM030487.D
Acq On : 17 Jun 2021 10:10
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020055

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6/18/2021 1:03:08 PM

Quant Time: Jun 17 10:52:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 16 18:05:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	226036	20.00	ng/ul	0.00
20) Naphthalene-d8	10.610	136	853152	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.451	164	505222	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	992007	20.00	ng/ul	0.00
79) Chrysene-d12	21.356	240	1012543	20.00	ng/ul	0.01
88) Perylene-d12	23.633	264	1068261	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	45416	7.67	ng/uL	0.03
4) Pyridine-d5	3.740	84	250392	16.10	ng/ul	0.02
7) Phenol-d5	6.998	99	349466	17.79	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	214205	16.89	ng/ul	0.00
11) 2-Chlorophenol-d4	7.363	132	295983	20.83	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	267305	17.04	ng/ul	0.00
21) Nitrobenzene-d5	8.981	128	131194	22.47	ng/ul	0.00
24) 2-Nitrophenol-d4	9.698	143	148153	25.54	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.233	165	280770	22.22	ng/ul	0.00
31) 4-Chloroaniline-d4	10.745	131	351376	18.19	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	701186	20.22	ng/ul	0.00
49) Acenaphthylene-d8	14.139	160	919363	21.23	ng/ul	0.00
54) 4-Nitrophenol-d4	14.651	143	119559	18.42	ng/ul	0.00
60) Fluorene-d10	15.439	176	620056	19.98	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	115795	20.22	ng/ul	0.00
73) Anthracene-d10	17.286	188	922058	20.44	ng/ul	0.00
81) Pyrene-d10	19.574	212	1007706	19.01	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.486	264	1096612	20.59	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.357	88	45613	7.60	ng/uL	90
5) Pyridine	3.757	79	295889m	18.02	ng/ul	
6) Benzaldehyde	6.975	77	173693	18.87	ng/ul	95
8) Phenol	7.022	94	349611	17.57	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.251	93	280847	17.48	ng/ul	97
12) 2-Chlorophenol	7.393	128	296121	20.20	ng/ul	99
13) 2-Methylphenol	8.263	108	257658	17.41	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.351	45	415586	16.06	ng/ul	98
16) Acetophenone	8.645	105	405322	16.34	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.628	70	182550	15.14	ng/ul	98
18) 4-Methylphenol	8.592	108	270913	16.61	ng/ul	98
19) Hexachloroethane	8.898	117	127693	20.59	ng/ul	94
22) Nitrobenzene	9.022	77	308614	20.59	ng/ul	96
23) Isophorone	9.545	82	536870	19.59	ng/ul	99
25) 2-Nitrophenol	9.728	139	156315	24.33	ng/ul	97
26) 2,4-Dimethylphenol	9.786	107	291807	20.06	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.022	93	348087	19.07	ng/ul	100
29) 2,4-Dichlorophenol	10.263	162	265758	21.60	ng/ul	98
30) Naphthalene	10.663	128	847915	19.61	ng/ul	99
32) 4-Chloroaniline	10.769	127	344210	17.80	ng/ul	98
33) Hexachlorobutadiene	10.945	225	185159	23.65	ng/ul	97
34) Caprolactam	11.551	113	69597	17.67	ng/ul	91
35) 4-Chloro-3-methylphenol	11.892	107	247020	19.73	ng/ul	99
36) 2-Methylnaphthalene	12.269	142	596170	19.38	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.492	142	596931	19.12	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.639	216	335021	22.81	ng/ul	97
40) Hexachlorocyclopentadiene	12.616	237	201573	21.72	ng/ul	97
41) 2,4,6-Trichlorophenol	12.880	196	211012	23.91	ng/ul	100
42) 2,4,5-Trichlorophenol	12.957	196	219890	22.88	ng/ul	100
43) 1,1'-Biphenyl	13.280	154	750202	20.38	ng/ul	99
44) 2-Chloronaphthalene	13.322	162	586114	20.63	ng/ul	99
45) 2-Nitroaniline	13.527	65	153212	21.57	ng/ul	96
47) Dimethylphthalate	13.904	163	686028	20.25	ng/ul	100
48) 2,6-Dinitrotoluene	14.021	165	140292	23.11	ng/ul	95
50) Acenaphthylene	14.169	152	834613	20.17	ng/ul	99
51) 3-Nitroaniline	14.351	138	132905	19.21	ng/ul	96
52) Acenaphthene	14.510	153	603677	19.64	ng/ul	99
53) 2,4-Dinitrophenol	14.563	184	73283	18.09	ng/ul	93
55) 4-Nitrophenol	14.663	109	91525	18.00	ng/ul	94
56) Dibenzofuran	14.845	168	838937	19.62	ng/ul	99
57) 2,4-Dinitrotoluene	14.810	165	194369	22.64	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.074	232	180119	23.41	ng/ul	95
59) Diethylphthalate	15.268	149	678463	20.30	ng/ul	99
61) Fluorene	15.492	166	700537	19.51	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.486	204	356475	20.62	ng/ul	98
63) 4-Nitroaniline	15.515	138	126977	19.60	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.574	198	113740	20.03	ng/ul	97
67) N-Nitrosodiphenylamine	15.704	169	588212	20.13	ng/ul	99
68) 4-Bromophenyl-phenylether	16.380	248	208565	21.62	ng/ul	95
69) Hexachlorobenzene	16.498	284	239223	21.81	ng/ul	96
70) Atrazine	16.651	200	212972	20.31	ng/ul	99
71) Pentachlorophenol	16.839	266	142153	21.15	ng/ul	97
72) Phenanthrene	17.227	178	1052526	19.62	ng/ul	100
74) Anthracene	17.321	178	1080081	19.95	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.245	216	323611	22.67	ng/uL	99
76) Pentachlorobenzene	14.768	250	306366	22.29	ng/uL	99
77) Carbazole	17.586	167	931528	19.37	ng/ul	99
78) Di-n-butylphthalate	18.151	149	1128082	22.40	ng/ul	99
80) Fluoranthene	19.239	202	1225913	18.83	ng/ul	97
82) Pyrene	19.603	202	1274350	18.50	ng/ul#	94
83) Butylbenzylphthalate	20.492	149	497809	23.03	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.268	252	379500	20.73	ng/ul	98
85) Benzo(a)anthracene	21.339	228	1263905	20.66	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.262	149	782562	23.87	ng/ul	99
87) Chrysene	21.392	228	1219884	20.22	ng/ul	100
89) Di-n-octyl phthalate	22.150	149	1346137	19.56	ng/ul	100
90) Benzo(b)fluoranthene	22.944	252	1353107	19.71	ng/ul	98
91) Benzo(k)fluoranthene	22.991	252	1262799	19.25	ng/ul	97
93) Benzo(a)pyrene	23.533	252	1196487	19.94	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.938	276	1519555	20.57	ng/ul	94
95) Dibenzo(a,h)anthracene	25.950	278	1272824	20.47	ng/ul	98
96) Benzo(g,h,i)perylene	26.650	276	1258871	20.74	ng/ul	96

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

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