Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052021\
Data File : BM030110.D
Acq On : 21 May 2021 10:03
Operator : CG/JU
Sample : PB136567BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS567

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5/21/2021 3:38:55 PM

Quant Time: May 21 10:42:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 20 12:00:20 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	139828	20.00	ng/ul	0.00
20) Naphthalene-d8	10.28	136	605236	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.16	164	365620	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.91	188	682127	20.00	ng/ul	0.00
79) Chrysene-d12	21.10	240	656124	20.00	ng/ul	0.00
88) Perylene-d12	23.24	264	617009	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	18475	5.28	ng/uL	0.00
4) Pyridine-d5	3.45	84	116989	13.35	ng/ul	0.00
7) Phenol-d5	6.70	99	251099	19.31	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.86	67	166275	20.62	ng/ul	0.00
11) 2-Chlorophenol-d4	7.05	132	212375	21.16	ng/ul	0.00
15) 4-Methylphenol-d8	8.23	113	201698	18.75	ng/ul	0.00
21) Nitrobenzene-d5	8.67	128	93024	22.30	ng/ul	0.00
24) 2-Nitrophenol-d4	9.38	143	106731	22.67	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.92	165	209336	22.18	ng/ul	0.00
31) 4-Chloroaniline-d4	10.43	131	249463	17.37	ng/ul	0.00
46) Dimethylphthalate-d6	13.59	166	563371	19.88	ng/ul	0.00
49) Acenaphthylene-d8	13.85	160	736925	20.52	ng/ul	0.00
54) 4-Nitrophenol-d4	14.40	143	76352	16.54	ng/ul	0.00
60) Fluorene-d10	15.16	176	485685	20.19	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.30	200	96534	21.79	ng/ul	0.00
73) Anthracene-d10	17.01	188	700241	20.39	ng/ul	0.00
81) Pyrene-d10	19.31	212	728044	21.63	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.11	264	747715	21.38	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.06	88	56593	14.936	ng/uL#	90
5) Pyridine	3.46	79	329830	36.682	ng/ul	92
6) Benzaldehyde	6.67	77	266852m	39.755	ng/ul	
8) Phenol	6.73	94	494933	37.281	ng/ul	97
10) Bis(2-Chloroethyl)ether	6.95	93	380809	36.277	ng/ul	99
12) 2-Chlorophenol	7.07	128	399497	39.032	ng/ul	96
13) 2-Methylphenol	7.96	108	364706	36.258	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.05	45	650540	41.142	ng/ul	96
16) Acetophenone	8.33	105	605532	35.088	ng/ul	97
17) N-Nitroso-di-n-propylamine	8.32	70	335909	38.043	ng/ul	95
18) 4-Methylphenol	8.29	108	391891	35.144	ng/ul	95
19) Hexachloroethane	8.56	117	171041	39.553	ng/ul	94
22) Nitrobenzene	8.71	77	473364	43.555	ng/ul	97
23) Isophorone	9.23	82	863768	37.575	ng/ul	99
25) 2-Nitrophenol	9.41	139	215647	42.194	ng/ul	97
26) 2,4-Dimethylphenol	9.48	107	423813	36.750	ng/ul	97
27) Bis(2-Chloroethoxy)methane	9.72	93	515824	38.311	ng/ul	99
29) 2,4-Dichlorophenol	9.94	162	364768	39.348	ng/ul	98
30) Naphthalene	10.33	128	1268332	37.754	ng/ul	99
32) 4-Chloroaniline	10.46	127	449973	30.405	ng/ul	98
33) Hexachlorobutadiene	10.61	225	238943	38.443	ng/ul	98
34) Caprolactam	11.25	113	102177m	31.058	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.59	107	396126	38.613	ng/ul	98
36) 2-Methylnaphthalene	11.95	142	889159	36.487	ng/ul	99
37) 1-Methylnaphthalene	12.17	142	864173	35.783	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.33	216	451762	39.986	ng/ul	100
40) Hexachlorocyclopentadiene	12.30	237	200449	34.155	ng/ul	99
41) 2,4,6-Trichlorophenol	12.59	196	287444	41.721	ng/ul	99
42) 2,4,5-Trichlorophenol	12.66	196	296687	40.689	ng/ul	99
43) 1,1'-Biphenyl	12.99	154	1108716	39.009	ng/ul	99
44) 2-Chloronaphthalene	13.03	162	881840	40.429	ng/ul	99
45) 2-Nitroaniline	13.25	65	260611	47.272	ng/ul	97
47) Dimethylphthalate	13.63	163	1067147	37.606	ng/ul	100
48) 2,6-Dinitrotoluene	13.76	165	217020	42.602	ng/ul	94
50) Acenaphthylene	13.88	152	1289996	37.139	ng/ul	99
51) 3-Nitroaniline	14.09	138	198167	34.628	ng/ul	97
52) Acenaphthene	14.23	153	949490	38.679	ng/ul	99
53) 2,4-Dinitrophenol	14.31	184	107997	31.159	ng/ul	95
55) 4-Nitrophenol	14.41	109	118618	33.423	ng/ul	98
56) Dibenzofuran	14.56	168	1286590	38.267	ng/ul	98
57) 2,4-Dinitrotoluene	14.55	165	307900	40.846	ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	14.80	232	261644	37.682	ng/ul	98
59) Diethylphthalate	15.00	149	1097934	37.096	ng/ul	100
61) Fluorene	15.22	166	1091680	37.981	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.22	204	542220	38.391	ng/ul	99
63) 4-Nitroaniline	15.26	138	189686m	33.439	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.32	198	172908	39.653	ng/ul	98
67) N-Nitrosodiphenylamine	15.43	169	889344	40.135	ng/ul	99
68) 4-Bromophenyl-phenylether	16.11	248	312315	41.134	ng/ul	96
69) Hexachlorobenzene	16.22	284	361544	40.098	ng/ul	100
70) Atrazine	16.40	200	310823	38.019	ng/ul	99
71) Pentachlorophenol	16.57	266	188958	36.574	ng/ul	98
72) Phenanthrene	16.95	178	1571671	39.076	ng/ul	100
74) Anthracene	17.04	178	1600101	38.913	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	12.95	216	449454	41.655	ng/uL	98
76) Pentachlorobenzene	14.49	250	419022	40.721	ng/uL	99
77) Carbazole	17.32	167	1338011	35.514	ng/ul	99
78) Di-n-butylphthalate	17.89	149	1843736	41.229	ng/ul	100
80) Fluoranthene	18.97	202	1731286	42.263	ng/ul	98
82) Pyrene	19.34	202	1796922	41.683	ng/ul	98
83) Butylbenzylphthalate	20.25	149	778151	50.793	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.03	252	558907	37.442	ng/ul	98
85) Benzo(a)anthracene	21.09	228	1697128	39.645	ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.03	149	1246185	47.176	ng/ul	99
87) Chrysene	21.14	228	1674079	39.264	ng/ul	100
89) Di-n-octyl phthalate	21.89	149	2090662	44.279	ng/ul	100
90) Benzo(b)fluoranthene	22.61	252	1700525	42.489	ng/ul	100
91) Benzo(k)fluoranthene	22.65	252	1757059	41.758	ng/ul	99
93) Benzo(a)pyrene	23.16	252	1518404	41.773	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.37	276	2021725	45.954	ng/ul	99
95) Dibenzo(a,h)anthracene	25.38	278	1711974	45.907	ng/ul	99
96) Benzo(g,h,i)perylene	26.03	276	1639745	46.002	ng/ul	98

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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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