Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050121\
Data File : BM029757.D
Acq On : 01 May 2021 21:50
Operator : CG/JU
Sample : PB135733BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS733

Manual Integrations APPROVED
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5/3/2021 12:24:43 PM

Quant Time: May 02 01:18:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050121.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 01 16:23:05 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	51821	20.00	ng/ul	0.00
20) Naphthalene-d8	10.35	136	188362	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.22	164	143446	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.97	188	320851	20.00	ng/ul	0.00
79) Chrysene-d12	21.15	240	382247	20.00	ng/ul	0.00
88) Perylene-d12	23.32	264	402750	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	6318	5.96	ng/uL	0.00
4) Pyridine-d5	3.49	84	72357	31.52	ng/ul	0.00
7) Phenol-d5	6.76	99	111279	31.89	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.92	67	57544	31.49	ng/ul	0.00
11) 2-Chlorophenol-d4	7.11	132	102951	32.62	ng/ul	0.00
15) 4-Methylphenol-d8	8.29	113	96408	32.26	ng/ul	0.00
21) Nitrobenzene-d5	8.73	128	47146	34.37	ng/ul	0.00
24) 2-Nitrophenol-d4	9.45	143	61486	35.41	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.99	165	130221	35.89	ng/ul	0.00
31) 4-Chloroaniline-d4	10.50	131	120263	29.39	ng/ul	0.00
46) Dimethylphthalate-d6	13.64	166	394163	34.69	ng/ul	0.00
49) Acenaphthylene-d8	13.92	160	481069	34.34	ng/ul	0.00
54) 4-Nitrophenol-d4	14.45	143	53987	35.92	ng/ul	0.00
60) Fluorene-d10	15.22	176	342917	34.89	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.36	200	81641	35.00	ng/ul	0.00
73) Anthracene-d10	17.07	188	564597	34.91	ng/ul	0.00
81) Pyrene-d10	19.36	212	709156	36.33	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.19	264	830782	35.95	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.11	88	12672	11.359	ng/uL	98
5) Pyridine	3.51	79	76626	31.364	ng/ul	95
6) Benzaldehyde	6.73	77	52537	26.253	ng/ul	95
8) Phenol	6.79	94	112074	32.406	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.01	93	85805	32.419	ng/ul	96
12) 2-Chlorophenol	7.15	128	105444	33.578	ng/ul	96
13) 2-Methylphenol	8.03	108	89861	32.370	ng/ul	95
14) 2,2'-oxybis(1-Chloropropan	8.11	45	79494	30.597	ng/ul	96
16) Acetophenone	8.40	105	147469	32.012	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.39	70	70543	31.774	ng/ul	99
18) 4-Methylphenol	8.36	108	99454	32.882	ng/ul	96
19) Hexachloroethane	8.64	117	44197	31.126	ng/ul	97
22) Nitrobenzene	8.78	77	104532	34.500	ng/ul	96
23) Isophorone	9.30	82	198861	34.023	ng/ul	99
25) 2-Nitrophenol	9.48	139	62914	34.913	ng/ul	100
26) 2,4-Dimethylphenol	9.55	107	110914	33.810	ng/ul	98
27) Bis(2-Chloroethoxy)methane	9.78	93	117404	34.506	ng/ul	98
29) 2,4-Dichlorophenol	10.01	162	123190	36.354	ng/ul	96
30) Naphthalene	10.40	128	337731	33.734	ng/ul	99
32) 4-Chloroaniline	10.52	127	116462	28.279	ng/ul	99
33) Hexachlorobutadiene	10.69	225	101236	34.565	ng/ul	99
34) Caprolactam	11.30	113	32540m	34.778	ng/ul	

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35) 4-Chloro-3-methylphenol	11.66	107	103901	35.999	ng/ul	96
36) 2-Methylnaphthalene	12.02	142	261149	33.775	ng/ul	97
37) 1-Methylnaphthalene	12.25	142	254197	33.775	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.40	216	188996	33.808	ng/ul	100
40) Hexachlorocyclopentadiene	12.37	237	78028	28.434	ng/ul	91
41) 2,4,6-Trichlorophenol	12.65	196	116196	36.014	ng/ul	93
42) 2,4,5-Trichlorophenol	12.73	196	121407	35.884	ng/ul	99
43) 1,1'-Biphenyl	13.05	154	363762	33.912	ng/ul	99
44) 2-Chloronaphthalene	13.09	162	291093	33.686	ng/ul	100
45) 2-Nitroaniline	13.31	65	58067	34.799	ng/ul	91
47) Dimethylphthalate	13.69	163	385362	34.967	ng/ul	99
48) 2,6-Dinitrotoluene	13.81	165	81739	36.797	ng/ul	95
50) Acenaphthylene	13.95	152	428761	32.874	ng/ul	99
51) 3-Nitroaniline	14.14	138	58312	29.488	ng/ul	94
52) Acenaphthene	14.29	153	310789	34.167	ng/ul	99
53) 2,4-Dinitrophenol	14.36	184	46674	35.244	ng/ul	93
55) 4-Nitrophenol	14.46	109	43109	40.553	ng/ul	88
56) Dibenzofuran	14.62	168	465758	34.459	ng/ul	99
57) 2,4-Dinitrotoluene	14.60	165	118168	37.941	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.86	232	119037	37.259	ng/ul	96
59) Diethylphthalate	15.06	149	367913	35.168	ng/ul	99
61) Fluorene	15.27	166	388371	34.445	ng/ul	97
62) 4-Chlorophenyl-phenylether	15.27	204	226099	35.901	ng/ul	96
63) 4-Nitroaniline	15.31	138	67997m	32.324	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.37	198	78624	34.983	ng/ul#	95
67) N-Nitrosodiphenylamine	15.49	169	342742	34.593	ng/ul	99
68) 4-Bromophenyl-phenylether	16.17	248	139564	35.460	ng/ul	95
69) Hexachlorobenzene	16.28	284	165252	36.356	ng/ul	95
70) Atrazine	16.45	200	145466	35.632	ng/ul	98
71) Pentachlorophenol	16.63	266	94981	39.711	ng/ul	97
72) Phenanthrene	17.01	178	654573	35.571	ng/ul	99
74) Anthracene	17.10	178	668200	35.335	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.02	216	192223	32.215	ng/uL	97
76) Pentachlorobenzene	14.55	250	188555	33.742	ng/uL	98
77) Carbazole	17.37	167	562272	34.070	ng/ul	99
78) Di-n-butylphthalate	17.95	149	638447	36.423	ng/ul	100
80) Fluoranthene	19.03	202	841652	36.659	ng/ul	99
82) Pyrene	19.39	202	880701	36.049	ng/ul	99
83) Butylbenzylphthalate	20.30	149	296468	34.972	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.08	252	292384	29.801	ng/ul	97
85) Benzo(a)anthracene	21.14	228	891952	35.660	ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.08	149	453756	34.881	ng/ul	99
87) Chrysene	21.19	228	888320	35.539	ng/ul	99
89) Di-n-octyl phthalate	21.94	149	797017	34.483	ng/ul	100
90) Benzo(b)fluoranthene	22.67	252	988457	37.659	ng/ul	100
91) Benzo(k)fluoranthene	22.72	252	916572	35.450	ng/ul	99
93) Benzo(a)pyrene	23.23	252	862408	36.316	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.50	276	1152063	37.045	ng/ul	100
95) Dibenzo(a,h)anthracene	25.50	278	960478	37.003	ng/ul	99
96) Benzo(g,h,i)perylene	26.16	276	944874	36.993	ng/ul	99

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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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