Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050121\
Data File : BM029779.D
Acq On : 02 May 2021 11:40
Operator : CG/JU
Sample : PB136005BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS005

Manual Integrations APPROVED
mohammad
5/3/2021 12:25:34 PM

Quant Time: May 03 02:21:00 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	7.57	152	59361	20.00	ng/ul	-0.01
20) Naphthalene-d8	10.35	136	212055	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.22	164	158064	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.96	188	352673	20.00	ng/ul	-0.01
79) Chrysene-d12	21.15	240	413244	20.00	ng/ul	0.00
88) Perylene-d12	23.32	264	437809	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	7226	5.95	ng/uL	0.00
4) Pyridine-d5	3.49	84	84278	32.05	ng/ul	-0.01
7) Phenol-d5	6.76	99	125145	31.31	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.92	67	64353	30.74	ng/ul	0.00
11) 2-Chlorophenol-d4	7.11	132	117865	32.60	ng/ul	0.00
15) 4-Methylphenol-d8	8.29	113	106174	31.01	ng/ul	0.00
21) Nitrobenzene-d5	8.73	128	52609	34.07	ng/ul	0.00
24) 2-Nitrophenol-d4	9.45	143	68119	34.84	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.98	165	146047	35.75	ng/ul	0.00
31) 4-Chloroaniline-d4	10.49	131	132273	28.72	ng/ul	-0.01
46) Dimethylphthalate-d6	13.64	166	434534	34.70	ng/ul	0.00
49) Acenaphthylene-d8	13.91	160	524883	34.00	ng/ul	0.00
54) 4-Nitrophenol-d4	14.45	143	57958m	34.99	ng/ul	-0.01
60) Fluorene-d10	15.22	176	380394	35.12	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.35	200	88817	34.64	ng/ul	0.00
73) Anthracene-d10	17.06	188	621892	34.98	ng/ul	0.00
81) Pyrene-d10	19.36	212	766098	36.30	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.18	264	886613	35.30	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.11	88	14034	10.982	ng/uL	99
5) Pyridine	3.50	79	84676	30.257	ng/ul	94
6) Benzaldehyde	6.73	77	58037	25.317	ng/ul	98
8) Phenol	6.79	94	125109	31.580	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.01	93	98543	32.502	ng/ul	98
12) 2-Chlorophenol	7.14	128	118360	32.903	ng/ul	98
13) 2-Methylphenol	8.02	108	99609	31.324	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.10	45	90043	30.255	ng/ul	96
16) Acetophenone	8.40	105	159085	30.147	ng/ul	100
17) N-Nitroso-di-n-propylamine	8.39	70	76854	30.220	ng/ul	98
18) 4-Methylphenol	8.35	108	109342	31.559	ng/ul	96
19) Hexachloroethane	8.63	117	51142	31.442	ng/ul	99
22) Nitrobenzene	8.77	77	114732	33.636	ng/ul	97
23) Isophorone	9.29	82	218991	33.281	ng/ul	100
25) 2-Nitrophenol	9.47	139	70559	34.781	ng/ul	98
26) 2,4-Dimethylphenol	9.55	107	126237	34.181	ng/ul	100
27) Bis(2-Chloroethoxy)methane	9.77	93	133935	34.966	ng/ul	98
29) 2,4-Dichlorophenol	10.00	162	138988	36.433	ng/ul	94
30) Naphthalene	10.40	128	379227	33.646	ng/ul	98
32) 4-Chloroaniline	10.52	127	126650	27.316	ng/ul	96
33) Hexachlorobutadiene	10.68	225	120938	36.678	ng/ul	99
34) Caprolactam	11.30	113	33714m	32.007	ng/ul	

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35) 4-Chloro-3-methylphenol	11.65	107	111131	34.202	ng/ul	99
36) 2-Methylnaphthalene	12.02	142	291731	33.515	ng/ul	96
37) 1-Methylnaphthalene	12.24	142	289311	34.145	ng/ul	95
39) 1,2,4,5-Tetrachlorobenzene	12.40	216	220327	35.768	ng/ul	98
40) Hexachlorocyclopentadiene	12.37	237	98080	32.436	ng/ul	92
41) 2,4,6-Trichlorophenol	12.65	196	130640	36.746	ng/ul	94
42) 2,4,5-Trichlorophenol	12.72	196	136965	36.739	ng/ul	99
43) 1,1'-Biphenyl	13.05	154	402459	34.050	ng/ul	100
44) 2-Chloronaphthalene	13.09	162	330501	34.710	ng/ul	98
45) 2-Nitroaniline	13.30	65	61789	33.605	ng/ul	95
47) Dimethylphthalate	13.69	163	422819	34.817	ng/ul	99
48) 2,6-Dinitrotoluene	13.81	165	89405	36.525	ng/ul	89
50) Acenaphthylene	13.94	152	468702	32.613	ng/ul	100
51) 3-Nitroaniline	14.14	138	59788	27.439	ng/ul	92
52) Acenaphthene	14.29	153	343339	34.255	ng/ul	99
53) 2,4-Dinitrophenol	14.36	184	50174	34.383	ng/ul#	87
55) 4-Nitrophenol	14.46	109	44246	37.773	ng/ul	88
56) Dibenzofuran	14.62	168	518884	34.839	ng/ul	99
57) 2,4-Dinitrotoluene	14.60	165	127963	37.286	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.86	232	134004	38.064	ng/ul	94
59) Diethylphthalate	15.06	149	406118	35.230	ng/ul	98
61) Fluorene	15.27	166	433970	34.930	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.27	204	258638	37.270	ng/ul	96
63) 4-Nitroaniline	15.31	138	67845m	29.269	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.37	198	85883	34.765	ng/ul#	97
67) N-Nitrosodiphenylamine	15.49	169	373809	34.324	ng/ul	99
68) 4-Bromophenyl-phenylether	16.16	248	163029	37.685	ng/ul	97
69) Hexachlorobenzene	16.27	284	183436	36.715	ng/ul	97
70) Atrazine	16.44	200	161408	35.970	ng/ul	99
71) Pentachlorophenol	16.62	266	109543	41.667	ng/ul	98
72) Phenanthrene	17.01	178	706732	34.940	ng/ul	99
74) Anthracene	17.10	178	729980	35.119	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.01	216	218925	33.380	ng/uL	99
76) Pentachlorobenzene	14.54	250	215365	35.063	ng/uL	97
77) Carbazole	17.37	167	593697	32.729	ng/ul	100
78) Di-n-butylphthalate	17.94	149	716913	37.209	ng/ul	100
80) Fluoranthene	19.03	202	917262	36.955	ng/ul	98
82) Pyrene	19.39	202	945934	35.815	ng/ul	98
83) Butylbenzylphthalate	20.30	149	322169	35.154	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.07	252	314100	29.613	ng/ul	99
85) Benzo(a)anthracene	21.14	228	962448	35.592	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.07	149	510549	36.303	ng/ul	99
87) Chrysene	21.19	228	954542	35.324	ng/ul	100
89) Di-n-octyl phthalate	21.93	149	880260	35.034	ng/ul	100
90) Benzo(b)fluoranthene	22.67	252	1034754	36.266	ng/ul	99
91) Benzo(k)fluoranthene	22.72	252	1003719	35.712	ng/ul	99
93) Benzo(a)pyrene	23.22	252	914319	35.418	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.49	276	1227492	36.309	ng/ul	98
95) Dibenzo(a,h)anthracene	25.49	278	1028250	36.442	ng/ul	99
96) Benzo(g,h,i)perylene	26.14	276	1019871	36.732	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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