Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050121\
Data File : BM029743.D
Acq On : 01 May 2021 12:12
Operator : CG/JU
Sample : SSTD00515
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD005015

Manual Integrations APPROVED
mohammad
5/3/2021 12:24:14 PM

Quant Time: May 01 14:15:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050121.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 01 14:02:00 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	45101	20.00	ng/ul	0.00
20) Naphthalene-d8	10.36	136	173453	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.23	164	111540	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.97	188	253648	20.00	ng/ul	0.00
79) Chrysene-d12	21.16	240	326947	20.00	ng/ul	0.00
88) Perylene-d12	23.33	264	373144	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	1647	1.44	ng/uL	0.00
4) Pyridine-d5	0.00	84	0d	0.00	ng/ul	
7) Phenol-d5	0.00	99	0d	0.00	ng/ul	
9) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
11) 2-Chlorophenol-d4	7.12	132	12358	4.46	ng/ul	0.00
15) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
21) Nitrobenzene-d5	8.73	128	5031	4.56	ng/ul	0.00
24) 2-Nitrophenol-d4	9.45	143	6286	5.98	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.00	165	13308	4.83	ng/ul	0.02
31) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
46) Dimethylphthalate-d6	13.64	166	38812	4.61	ng/ul	0.00
49) Acenaphthylene-d8	13.92	160	47765	4.80	ng/ul	0.00
54) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
60) Fluorene-d10	15.22	176	33724	4.66	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
73) Anthracene-d10	17.07	188	55369	4.57	ng/ul	0.00
81) Pyrene-d10	19.37	212	74094	4.86	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.19	264	94180	4.74	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	1927	1.673	ng/uL#	80
12) 2-Chlorophenol	7.15	128	12457	4.212	ng/ul	95
17) N-Nitroso-di-n-propylamine	8.39	70	8547	3.977	ng/ul	98
19) Hexachloroethane	8.64	117	5946	4.694	ng/ul	82
22) Nitrobenzene	8.78	77	11263	3.502	ng/ul	93
23) Isophorone	9.30	82	22551	3.924	ng/ul	99
25) 2-Nitrophenol	9.49	139	6534	5.392	ng/ul	94
26) 2,4-Dimethylphenol	9.56	107	12649	3.841	ng/ul	93
27) Bis(2-Chloroethoxy)methane	9.79	93	12860	3.746	ng/ul#	94
29) 2,4-Dichlorophenol	10.03	162	11836	4.243	ng/ul	91
30) Naphthalene	10.40	128	42044	4.474	ng/ul	96
33) Hexachlorobutadiene	10.69	225	12170	6.076	ng/ul	91
35) 4-Chloro-3-methylphenol	11.67	107	10120	3.735	ng/ul	97
36) 2-Methylnaphthalene	12.03	142	30704	4.625	ng/ul	96
37) 1-Methylnaphthalene	12.25	142	28505	4.349	ng/ul	95
39) 1,2,4,5-Tetrachlorobenzene	12.41	216	20022	5.195	ng/ul	98
41) 2,4,6-Trichlorophenol	12.66	196	10394	4.905	ng/ul	96
42) 2,4,5-Trichlorophenol	12.74	196	11579m	5.131	ng/ul	
43) 1,1'-Biphenyl	13.06	154	37067	4.082	ng/ul	98
44) 2-Chloronaphthalene	13.10	162	29718	4.146	ng/ul	97
45) 2-Nitroaniline	13.32	65	4649	3.023	ng/ul	99
47) Dimethylphthalate	13.69	163	38038	4.418	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 2,6-Dinitrotoluene	13.82	165	6750	5.037	ng/ul#	86
50) Acenaphthylene	13.94	152	45138	4.389	ng/ul	97
52) Acenaphthene	14.29	153	32442	4.248	ng/ul	98
56) Dibenzofuran	14.63	168	46178	4.351	ng/ul	100
57) 2,4-Dinitrotoluene	14.61	165	8709	4.555	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	14.87	232	9829	5.435	ng/ul#	94
59) Diethylphthalate	15.06	149	35110	4.142	ng/ul	99
61) Fluorene	15.28	166	38350	4.319	ng/ul	95
62) 4-Chlorophenyl-phenylether	15.28	204	21814	4.894	ng/ul	97
67) N-Nitrosodiphenylamine	15.50	169	32677	4.033	ng/ul	98
68) 4-Bromophenyl-phenylether	16.17	248	13340	4.942	ng/ul	99
69) Hexachlorobenzene	16.28	284	16484	5.482	ng/ul	98
72) Phenanthrene	17.02	178	66591	4.447	ng/ul	99
74) Anthracene	17.10	178	64984	4.223	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.02	216	20751	5.066	ng/uL	99
76) Pentachlorobenzene	14.55	250	19600	4.901	ng/uL	95
78) Di-n-butylphthalate	17.95	149	61146	4.180	ng/ul	100
80) Fluoranthene	19.03	202	86135	4.394	ng/ul#	97
82) Pyrene	19.40	202	95180	4.632	ng/ul	99
83) Butylbenzylphthalate	20.30	149	32533	4.505	ng/ul	99
85) Benzo(a)anthracene	21.14	228	98210	4.656	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.08	149	48724	4.106	ng/ul	99
87) Chrysene	21.19	228	98519	4.777	ng/ul	98
90) Benzo(b)fluoranthene	22.67	252	107185m	4.445	ng/ul	
91) Benzo(k)fluoranthene	22.72	252	106987	4.440	ng/ul	98
93) Benzo(a)pyrene	23.23	252	98773	4.520	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.49	276	128783	4.383	ng/ul	98
95) Dibenzo(a,h)anthracene	25.50	278	106988	4.315	ng/ul	99
96) Benzo(g,h,i)perylene	26.16	276	104997	4.357	ng/ul	99

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

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