Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029831.D
Acq On : 05 May 2021 17:44
Operator : CG/JU
Sample : M2129-02MS
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E0AB9MS

Manual Integrations APPROVED
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5/6/2021 4:48:59 PM

Quant Time: May 05 18:16:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 04 14:23:48 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	76672	20.00	ng/ul	0.00
20) Naphthalene-d8	10.34	136	318095	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.21	164	192153	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.96	188	380763	20.00	ng/ul	0.00
79) Chrysene-d12	21.14	240	423094	20.00	ng/ul	0.00
88) Perylene-d12	23.30	264	472266	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	4859	2.34	ng/uL	0.00
4) Pyridine-d5	3.50	84	34339	7.23	ng/ul	0.00
7) Phenol-d5	6.75	99	125468	18.85	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.92	67	87033	21.16	ng/ul	0.00
11) 2-Chlorophenol-d4	7.10	132	109915	20.72	ng/ul	0.00
15) 4-Methylphenol-d8	8.28	113	74078	13.94	ng/ul	0.00
21) Nitrobenzene-d5	8.72	128	47244	19.99	ng/ul	0.00
24) 2-Nitrophenol-d4	9.44	143	47729	18.49	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.97	165	97111	20.12	ng/ul	0.00
31) 4-Chloroaniline-d4	10.49	131	106059	15.08	ng/ul	0.00
46) Dimethylphthalate-d6	13.63	166	347290	24.20	ng/ul	0.00
49) Acenaphthylene-d8	13.90	160	416931	22.21	ng/ul	0.00
54) 4-Nitrophenol-d4	14.44	143	43116	19.53	ng/ul	0.00
60) Fluorene-d10	15.21	176	300041	24.57	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.34	200	57657	22.56	ng/ul	0.00
73) Anthracene-d10	17.06	188	535439	28.43	ng/ul	0.00
81) Pyrene-d10	19.36	212	628135	28.94	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.17	264	729662	27.51	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.11	88	11057	4.832	ng/uL#	81
5) Pyridine	3.52	79	65230	13.039	ng/ul#	80
6) Benzaldehyde	6.72	77	85086	23.716	ng/ul	96
8) Phenol	6.77	94	179643	26.518	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.00	93	128544	24.262	ng/ul	97
12) 2-Chlorophenol	7.13	128	133800	24.989	ng/ul	95
13) 2-Methylphenol	8.02	108	119876	23.580	ng/ul	93
14) 2,2'-oxybis(1-Chloropropan	8.10	45	218619	26.464	ng/ul	97
16) Acetophenone	8.39	105	196154	24.296	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.37	70	98441	23.128	ng/ul	95
18) 4-Methylphenol	8.35	108	131552	24.316	ng/ul	96
19) Hexachloroethane	8.63	117	60415	25.437	ng/ul	98
22) Nitrobenzene	8.76	77	153026	25.752	ng/ul	96
23) Isophorone	9.29	82	288670	25.863	ng/ul	99
25) 2-Nitrophenol	9.47	139	62487	22.279	ng/ul	92
26) 2,4-Dimethylphenol	9.53	107	139922	24.228	ng/ul	98
27) Bis(2-Chloroethoxy)methane	9.77	93	163076	24.897	ng/ul	99
29) 2,4-Dichlorophenol	10.00	162	114385	24.626	ng/ul	97
30) Naphthalene	10.39	128	420122	24.010	ng/ul	99
32) 4-Chloroaniline	10.52	127	138367	19.376	ng/ul	99
33) Hexachlorobutadiene	10.67	225	73309	22.904	ng/ul	98
34) Caprolactam	11.30	113	41990	28.011	ng/ul	98

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35) 4-Chloro-3-methylphenol	11.65	107	133468	27.624	ng/ul	99
36) 2-Methylnaphthalene	12.01	142	287041	24.060	ng/ul	100
37) 1-Methylnaphthalene	12.23	142	283633	23.840	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.39	216	138014	22.670	ng/ul	98
40) Hexachlorocyclopentadiene	12.36	237	40298	13.333	ng/ul	93
41) 2,4,6-Trichlorophenol	12.64	196	92953	25.822	ng/ul	98
42) 2,4,5-Trichlorophenol	12.72	196	104416	26.957	ng/ul	95
43) 1,1'-Biphenyl	13.04	154	363095	23.858	ng/ul	98
44) 2-Chloronaphthalene	13.08	162	287441	24.592	ng/ul	98
45) 2-Nitroaniline	13.30	65	76111	24.730	ng/ul	92
47) Dimethylphthalate	13.68	163	437805	30.573	ng/ul	99
48) 2,6-Dinitrotoluene	13.80	165	70191	25.222	ng/ul	90
50) Acenaphthylene	13.93	152	452523	24.734	ng/ul	100
51) 3-Nitroaniline	14.13	138	71179	24.156	ng/ul	96
52) Acenaphthene	14.27	153	329641	25.512	ng/ul	99
53) 2,4-Dinitrophenol	14.35	184	29333	18.363	ng/ul	95
55) 4-Nitrophenol	14.46	109	49046	31.275	ng/ul	92
56) Dibenzofuran	14.62	168	464311	26.817	ng/ul	98
57) 2,4-Dinitrotoluene	14.60	165	124126	31.596	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.84	232	103011	29.969	ng/ul	94
59) Diethylphthalate	15.05	149	452812	31.006	ng/ul	99
61) Fluorene	15.26	166	402448	27.620	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.26	204	185676	26.423	ng/ul	96
63) 4-Nitroaniline	15.30	138	76132m	25.681	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.36	198	67685	27.260	ng/ul	92
67) N-Nitrosodiphenylamine	15.48	169	368954	29.614	ng/ul	97
68) 4-Bromophenyl-phenylether	16.16	248	121419	28.528	ng/ul	98
69) Hexachlorobenzene	16.27	284	150666	30.176	ng/ul	96
70) Atrazine	16.44	200	127541	28.646	ng/ul	98
71) Pentachlorophenol	16.62	266	75863	27.613	ng/ul	93
72) Phenanthrene	17.00	178	727174	32.189	ng/ul	100
74) Anthracene	17.09	178	736401	32.012	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.00	216	140933	21.532	ng/uL	99
76) Pentachlorobenzene	14.53	250	143402	23.992	ng/uL	99
77) Carbazole	17.37	167	663693	31.582	ng/ul	99
78) Di-n-butylphthalate	17.93	149	829491	34.137	ng/ul	99
80) Fluoranthene	19.02	202	908803	34.491	ng/ul	99
82) Pyrene	19.39	202	959659	34.212	ng/ul	100
83) Butylbenzylphthalate	20.29	149	368521	33.151	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.07	252	173923	17.606	ng/ul	99
85) Benzo(a)anthracene	21.13	228	954742	34.749	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.07	149	587250	33.609	ng/ul	99
87) Chrysene	21.18	228	940324	33.822	ng/ul	100
89) Di-n-octyl phthalate	21.93	149	1046222	31.008	ng/ul	100
90) Benzo(b)fluoranthene	22.66	252	1026896	33.246	ng/ul	99
91) Benzo(k)fluoranthene	22.70	252	1076209	35.503	ng/ul	97
93) Benzo(a)pyrene	23.21	252	937425	33.886	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.47	276	1276480	34.758	ng/ul	96
95) Dibenzo(a,h)anthracene	25.48	278	1076430	35.066	ng/ul	98
96) Benzo(g,h,i)perylene	26.12	276	796650	26.000	ng/ul	97

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

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