Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029832.D
Acq On : 05 May 2021 18:20
Operator : CG/JU
Sample : M2129-03MSD
Misc :
ALS Vial : 51 Sample Multiplier: 1

Quant Time: May 06 07:41:17 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

Instrument :
BNA_M
ClientSampleId :
E0AB9MSD

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	92682	20.00	ng/ul	0.00
20) Naphthalene-d8	10.34	136	392028	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.22	164	238296	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.96	188	476381	20.00	ng/ul	0.00
79) Chrysene-d12	21.14	240	511673	20.00	ng/ul	0.00
88) Perylene-d12	23.30	264	548916	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	5848m	2.33	ng/uL	0.00
4) Pyridine-d5	3.50	84	50616	8.82	ng/ul	0.00
7) Phenol-d5	6.75	99	185821	23.09	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.91	67	127578	25.66	ng/ul	0.00
11) 2-Chlorophenol-d4	7.10	132	156920	24.48	ng/ul	-0.01
15) 4-Methylphenol-d8	8.28	113	112999	17.59	ng/ul	0.00
21) Nitrobenzene-d5	8.72	128	71664m	24.60	ng/ul	0.00
24) 2-Nitrophenol-d4	9.44	143	73057	22.97	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.97	165	151743	25.51	ng/ul	0.00
31) 4-Chloroaniline-d4	10.49	131	159527	18.40	ng/ul	0.00
46) Dimethylphthalate-d6	13.63	166	523441	29.41	ng/ul	0.00
49) Acenaphthylene-d8	13.90	160	651944	28.01	ng/ul	0.00
54) 4-Nitrophenol-d4	14.44	143	62224	22.73	ng/ul	0.00
60) Fluorene-d10	15.21	176	455209	30.06	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.34	200	79217	24.77	ng/ul	0.00
73) Anthracene-d10	17.06	188	728018	30.90	ng/ul	0.00
81) Pyrene-d10	19.36	212	835509	31.83	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.17	264	932867	30.26	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	14529	5.253	ng/uL#	82
5) Pyridine	3.51	79	91624	15.151	ng/ul#	77
6) Benzaldehyde	6.72	77	119309m	27.511	ng/ul	
8) Phenol	6.77	94	264207	32.264	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.00	93	186727	29.156	ng/ul	97
12) 2-Chlorophenol	7.13	128	195837	30.257	ng/ul	97
13) 2-Methylphenol	8.02	108	180840	29.427	ng/ul	96
14) 2,2'-oxybis(1-Chloropropan	8.10	45	324851	32.530	ng/ul	97
16) Acetophenone	8.39	105	306265	31.382	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.37	70	155126	30.150	ng/ul	93
18) 4-Methylphenol	8.35	108	198236	30.312	ng/ul	97
19) Hexachloroethane	8.63	117	83844	29.204	ng/ul	99
22) Nitrobenzene	8.76	77	225107	30.738	ng/ul	98
23) Isophorone	9.29	82	459612	33.413	ng/ul	99
25) 2-Nitrophenol	9.47	139	97163	28.109	ng/ul	91
26) 2,4-Dimethylphenol	9.53	107	218569	30.709	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.77	93	257065	31.845	ng/ul	97
29) 2,4-Dichlorophenol	10.00	162	176792	30.884	ng/ul	98
30) Naphthalene	10.39	128	626962	29.073	ng/ul	99
32) 4-Chloroaniline	10.51	127	220450	25.049	ng/ul	98
33) Hexachlorobutadiene	10.67	225	108027	27.386	ng/ul	96
34) Caprolactam	11.29	113	65482m	35.444	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.64	107	210506	35.352	ng/ul	99
36) 2-Methylnaphthalene	12.01	142	443354	30.153	ng/ul	99
37) 1-Methylnaphthalene	12.23	142	447239	30.503	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.39	216	214872	28.460	ng/ul	99
40) Hexachlorocyclopentadiene	12.36	237	70455	18.797	ng/ul	96
41) 2,4,6-Trichlorophenol	12.64	196	148281	33.215	ng/ul	96
42) 2,4,5-Trichlorophenol	12.72	196	153967	32.052	ng/ul	99
43) 1,1'-Biphenyl	13.04	154	573681	30.396	ng/ul	98
44) 2-Chloronaphthalene	13.08	162	445441	30.731	ng/ul	98
45) 2-Nitroaniline	13.30	65	123456	32.345	ng/ul	92
47) Dimethylphthalate	13.68	163	667600	37.593	ng/ul	100
48) 2,6-Dinitrotoluene	13.80	165	111931	32.432	ng/ul	97
50) Acenaphthylene	13.93	152	710152	31.299	ng/ul	100
51) 3-Nitroaniline	14.13	138	105936	28.989	ng/ul	95
52) Acenaphthene	14.27	153	521094	32.520	ng/ul	99
53) 2,4-Dinitrophenol	14.35	184	46787	23.619	ng/ul	95
55) 4-Nitrophenol	14.46	109	69759	35.869	ng/ul	91
56) Dibenzofuran	14.62	168	720284	33.546	ng/ul	100
57) 2,4-Dinitrotoluene	14.60	165	177593	36.453	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.84	232	146734	34.423	ng/ul	95
59) Diethylphthalate	15.05	149	654514	36.139	ng/ul	98
61) Fluorene	15.27	166	615122	34.041	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.26	204	293601	33.691	ng/ul	97
63) 4-Nitroaniline	15.30	138	115159m	31.324	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.36	198	95794	30.837	ng/ul	100
67) N-Nitrosodiphenylamine	15.48	169	528029	33.876	ng/ul	97
68) 4-Bromophenyl-phenylether	16.16	248	177861	33.401	ng/ul	96
69) Hexachlorobenzene	16.27	284	213222	34.133	ng/ul	97
70) Atrazine	16.44	200	174406	31.309	ng/ul	96
71) Pentachlorophenol	16.62	266	108978	31.705	ng/ul	92
72) Phenanthrene	17.00	178	1007868	35.659	ng/ul	100
74) Anthracene	17.09	178	1021726	35.501	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.00	216	221268	27.021	ng/uL	98
76) Pentachlorobenzene	14.53	250	225028	30.092	ng/uL	97
77) Carbazole	17.37	167	904685	34.408	ng/ul	100
78) Di-n-butylphthalate	17.94	149	1181683	38.870	ng/ul	100
80) Fluoranthene	19.02	202	1216227	38.168	ng/ul	99
82) Pyrene	19.39	202	1273583	37.543	ng/ul	99
83) Butylbenzylphthalate	20.30	149	519899	38.672	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.07	252	223137	18.677	ng/ul	99
85) Benzo(a)anthracene	21.13	228	1242533	37.395	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.07	149	826345	39.106	ng/ul	98
87) Chrysene	21.18	228	1241680	36.930	ng/ul	99
89) Di-n-octyl phthalate	21.93	149	1454841	37.098	ng/ul	100
90) Benzo(b)fluoranthene	22.66	252	1394414	38.840	ng/ul	99
91) Benzo(k)fluoranthene	22.70	252	1294759	36.749	ng/ul	98
93) Benzo(a)pyrene	23.21	252	1192003	37.072	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.47	276	1625430	38.079	ng/ul	96
95) Dibenzo(a,h)anthracene	25.48	278	1369114	38.372	ng/ul	99
96) Benzo(g,h,i)perylene	26.13	276	990768	27.820	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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