Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031921\
Data File : BM029167.D
Acq On : 19 Mar 2021 12:49
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SICV017

Manual Integrations APPROVED
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Quant Time: Mar 19 13:21:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM031921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 19 12:41:26 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	99311	20.00	ng/ul	0.00
20) Naphthalene-d8	10.56	136	379999	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.40	164	234593	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.13	188	499371	20.00	ng/ul	0.00
79) Chrysene-d12	21.30	240	567736	20.00	ng/ul	0.00
88) Perylene-d12	23.54	264	603572	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	17940	7.10	ng/uL	0.00
4) Pyridine-d5	3.69	84	114828	17.39	ng/ul	0.00
7) Phenol-d5	6.93	99	137494	17.53	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.11	67	82826	18.27	ng/ul	0.00
11) 2-Chlorophenol-d4	7.30	132	115415	18.91	ng/ul	0.00
15) 4-Methylphenol-d8	8.47	113	107255	17.62	ng/ul	0.00
21) Nitrobenzene-d5	8.92	128	47622	19.70	ng/ul	0.00
24) 2-Nitrophenol-d4	9.64	143	46180	20.04	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.17	165	113010	18.72	ng/ul	0.00
31) 4-Chloroaniline-d4	10.69	131	147011	17.21	ng/ul	0.00
46) Dimethylphthalate-d6	13.81	166	324207	18.32	ng/ul	0.00
49) Acenaphthylene-d8	14.09	160	373994	17.88	ng/ul	0.00
54) 4-Nitrophenol-d4	14.58	143	50757	17.62	ng/ul	0.00
60) Fluorene-d10	15.39	176	274836	18.05	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.50	200	38461	16.34	ng/ul	0.00
73) Anthracene-d10	17.23	188	426020	17.86	ng/ul	0.00
81) Pyrene-d10	19.52	212	487924	18.42	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.40	264	582036	18.12	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	18612	7.338	ng/uL	98
5) Pyridine	3.71	79	118425	17.455	ng/ul	99
6) Benzaldehyde	6.92	77	96625	22.958	ng/ul	98
8) Phenol	6.96	94	145238	17.620	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.20	93	109510	17.980	ng/ul	97
12) 2-Chlorophenol	7.34	128	121217	18.613	ng/ul	99
13) 2-Methylphenol	8.20	108	107695	17.712	ng/ul	100
14) 2,2'-oxybis(1-Chloropropan	8.30	45	145473	18.222	ng/ul	99
16) Acetophenone	8.59	105	176224	17.713	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.57	70	90384	19.099	ng/ul	100
18) 4-Methylphenol	8.53	108	115424	17.878	ng/ul	96
19) Hexachloroethane	8.85	117	51889	18.602	ng/ul	95
22) Nitrobenzene	8.96	77	135625	19.246	ng/ul	97
23) Isophorone	9.49	82	234403	18.618	ng/ul	99
25) 2-Nitrophenol	9.67	139	53537	20.167	ng/ul	98
26) 2,4-Dimethylphenol	9.73	107	132049	18.304	ng/ul	98
27) Bis(2-Chloroethoxy)methane	9.97	93	138340	18.394	ng/ul	99
29) 2,4-Dichlorophenol	10.20	162	114084	18.669	ng/ul	98
30) Naphthalene	10.60	128	373693	18.153	ng/ul	98
32) 4-Chloroaniline	10.71	127	151769	17.470	ng/ul	99
33) Hexachlorobutadiene	10.89	225	78701	17.935	ng/ul	96
34) Caprolactam	11.47	113	28989m	18.664	ng/ul	

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35) 4-Chloro-3-methylphenol	11.83	107	113174	19.064	ng/ul	96
36) 2-Methylnaphthalene	12.22	142	263388	18.111	ng/ul	97
37) 1-Methylnaphthalene	12.43	142	260697	18.156	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	141168	17.416	ng/ul	99
40) Hexachlorocyclopentadiene	12.57	237	88656	16.650	ng/ul	96
41) 2,4,6-Trichlorophenol	12.82	196	83906	18.825	ng/ul	96
42) 2,4,5-Trichlorophenol	12.89	196	93105	19.616	ng/ul	96
43) 1,1'-Biphenyl	13.23	154	343531	17.988	ng/ul	100
44) 2-Chloronaphthalene	13.27	162	266669	17.687	ng/ul	99
45) 2-Nitroaniline	13.47	65	65121	20.133	ng/ul	98
47) Dimethylphthalate	13.86	163	327142	18.065	ng/ul	98
48) 2,6-Dinitrotoluene	13.97	165	56934	20.201	ng/ul	98
50) Acenaphthylene	14.12	152	392756	18.157	ng/ul	99
51) 3-Nitroaniline	14.29	138	58390	18.735	ng/ul#	96
52) Acenaphthene	14.46	153	288323	17.949	ng/ul	98
53) 2,4-Dinitrophenol	14.50	184	24651	16.300	ng/ul	92
55) 4-Nitrophenol	14.59	109	49636	18.106	ng/ul	96
56) Dibenzofuran	14.79	168	401877	18.003	ng/ul	99
57) 2,4-Dinitrotoluene	14.75	165	83216	20.692	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.02	232	74157	19.498	ng/ul	95
59) Diethylphthalate	15.22	149	328353	18.416	ng/ul	98
61) Fluorene	15.44	166	335738	17.976	ng/ul	97
62) 4-Chlorophenyl-phenylether	15.44	204	168378	17.961	ng/ul	99
63) 4-Nitroaniline	15.45	138	63517	19.528	ng/ul	99
66) 4,6-Dinitro-2-methylphenol	15.51	198	42224	17.051	ng/ul	99
67) N-Nitrosodiphenylamine	15.65	169	285432	17.893	ng/ul	98
68) 4-Bromophenyl-phenylether	16.33	248	95809	18.030	ng/ul	95
69) Hexachlorobenzene	16.44	284	107344	18.134	ng/ul	98
70) Atrazine	16.60	200	105190	17.213	ng/ul	98
71) Pentachlorophenol	16.78	266	57210	17.019	ng/ul	93
72) Phenanthrene	17.17	178	523966	17.773	ng/ul	99
74) Anthracene	17.26	178	545363	18.002	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.19	216	140984	17.482	ng/uL	98
76) Pentachlorobenzene	14.72	250	137561	17.472	ng/uL	99
77) Carbazole	17.53	167	484205	17.365	ng/ul	100
78) Di-n-butylphthalate	18.11	149	535501	18.593	ng/ul	99
80) Fluoranthene	19.19	202	620305	18.222	ng/ul	99
82) Pyrene	19.54	202	657765	18.434	ng/ul	98
83) Butylbenzylphthalate	20.46	149	238131	18.991	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.22	252	222193	18.899	ng/ul	99
85) Benzo(a)anthracene	21.29	228	663190	18.107	ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.23	149	377770	18.335	ng/ul	99
87) Chrysene	21.34	228	653386	18.246	ng/ul	99
89) Di-n-octyl phthalate	22.11	149	663661	17.237	ng/ul	100
90) Benzo(b)fluoranthene	22.87	252	723161	18.539	ng/ul	98
91) Benzo(k)fluoranthene	22.91	252	693086	17.783	ng/ul	100
93) Benzo(a)pyrene	23.44	252	637550	18.037	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.81	276	860683	18.108	ng/ul	98
95) Dibenzo(a,h)anthracene	25.83	278	720871	17.975	ng/ul	99
96) Benzo(g,h,i)perylene	26.51	276	697730	17.898	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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