Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031921\
Data File : BM029164.D
Acq On : 19 Mar 2021 10:45
Operator : CG/JU
Sample : SSTD04016
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD040016

Manual Integrations APPROVED
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3/22/2021 2:48:38 PM

Quant Time: Mar 19 11:17:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM031921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 19 10:50:26 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	90970	20.00	ng/ul	0.00
20) Naphthalene-d8	10.56	136	335189	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.40	164	200663	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.13	188	413286	20.00	ng/ul	0.00
79) Chrysene-d12	21.30	240	482740	20.00	ng/ul	0.00
88) Perylene-d12	23.54	264	520704	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	37225	16.59	ng/uL	0.00
4) Pyridine-d5	3.69	84	252424	39.50	ng/ul	0.00
7) Phenol-d5	6.94	99	293882	38.18	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.11	67	172326	36.25	ng/ul	0.00
11) 2-Chlorophenol-d4	7.31	132	243136	37.68	ng/ul	0.00
15) 4-Methylphenol-d8	8.47	113	226188	36.41	ng/ul	0.00
21) Nitrobenzene-d5	8.92	128	98509	36.28	ng/ul	0.00
24) 2-Nitrophenol-d4	9.64	143	97274	33.80	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.17	165	238367	44.02	ng/ul	0.00
31) 4-Chloroaniline-d4	10.69	131	310865	42.00	ng/ul	0.00
46) Dimethylphthalate-d6	13.81	166	642624	42.40	ng/ul	0.00
49) Acenaphthylene-d8	14.09	160	782251	40.60	ng/ul	0.00
54) 4-Nitrophenol-d4	14.58	143	106016	36.30	ng/ul	0.00
60) Fluorene-d10	15.39	176	554408	41.30	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.50	200	79808	29.82	ng/ul	0.00
73) Anthracene-d10	17.23	188	860097	42.09	ng/ul	0.00
81) Pyrene-d10	19.52	212	967420	34.89	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.40	264	1206462	43.16	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	39488	17.111	ng/uL	96
5) Pyridine	3.71	79	261105	40.598	ng/ul	98
6) Benzaldehyde	6.92	77	189485	63.517	ng/ul	98
8) Phenol	6.96	94	309347	39.659	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.20	93	228523	35.929	ng/ul	99
12) 2-Chlorophenol	7.34	128	256821	38.615	ng/ul	99
13) 2-Methylphenol	8.21	108	227438	38.472	ng/ul	100
14) 2,2'-oxybis(1-Chloropropan	8.31	45	299602	28.513	ng/ul	99
16) Acetophenone	8.59	105	371463	39.187	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.58	70	189134	40.470	ng/ul	98
18) 4-Methylphenol	8.53	108	245895	38.699	ng/ul	99
19) Hexachloroethane	8.85	117	110472	38.919	ng/ul	97
22) Nitrobenzene	8.96	77	281960	42.523	ng/ul	98
23) Isophorone	9.49	82	490414	43.771	ng/ul	98
25) 2-Nitrophenol	9.67	139	114786	36.113	ng/ul	96
26) 2,4-Dimethylphenol	9.73	107	275144	44.280	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.97	93	290786	39.226	ng/ul	98
29) 2,4-Dichlorophenol	10.20	162	237143	44.748	ng/ul	99
30) Naphthalene	10.60	128	775274	40.894	ng/ul	99
32) 4-Chloroaniline	10.71	127	315728	43.698	ng/ul	99
33) Hexachlorobutadiene	10.90	225	164536	47.351	ng/ul	96
34) Caprolactam	11.48	113	56707m	35.603	ng/ul	

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35) 4-Chloro-3-methylphenol	11.83	107	230813	42.123	ng/ul	99
36) 2-Methylnaphthalene	12.22	142	549395	43.349	ng/ul	100
37) 1-Methylnaphthalene	12.44	142	540956	44.322	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	296481	43.891	ng/ul	99
40) Hexachlorocyclopentadiene	12.57	237	190177	48.429	ng/ul	98
41) 2,4,6-Trichlorophenol	12.83	196	169693	40.408	ng/ul	97
42) 2,4,5-Trichlorophenol	12.89	196	181228	39.827	ng/ul	98
43) 1,1'-Biphenyl	13.23	154	699224	40.813	ng/ul	98
44) 2-Chloronaphthalene	13.27	162	551215	40.604	ng/ul	99
45) 2-Nitroaniline	13.47	65	135095	36.069	ng/ul	94
47) Dimethylphthalate	13.86	163	659883	41.942	ng/ul	97
48) 2,6-Dinitrotoluene	13.97	165	116831	37.413	ng/ul	95
50) Acenaphthylene	14.12	152	805528	40.664	ng/ul	100
51) 3-Nitroaniline	14.30	138	121090	40.709	ng/ul#	97
52) Acenaphthene	14.46	153	579226	40.725	ng/ul	96
53) 2,4-Dinitrophenol	14.50	184	49631	26.504	ng/ul	94
55) 4-Nitrophenol	14.60	109	100107	44.179	ng/ul	97
56) Dibenzofuran	14.80	168	804761	41.993	ng/ul	97
57) 2,4-Dinitrotoluene	14.75	165	172130	39.266	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.02	232	147844	40.225	ng/ul	97
59) Diethylphthalate	15.23	149	652692	41.844	ng/ul	99
61) Fluorene	15.44	166	683722	42.845	ng/ul	97
62) 4-Chlorophenyl-phenylether	15.44	204	340274	43.996	ng/ul	96
63) 4-Nitroaniline	15.46	138	129011	49.664	ng/ul	99
66) 4,6-Dinitro-2-methylphenol	15.52	198	85195	29.496	ng/ul	99
67) N-Nitrosodiphenylamine	15.65	169	574707	42.148	ng/ul	99
68) 4-Bromophenyl-phenylether	16.33	248	190055	39.599	ng/ul	97
69) Hexachlorobenzene	16.44	284	210966	38.254	ng/ul	97
70) Atrazine	16.60	200	211113	44.627	ng/ul	99
71) Pentachlorophenol	16.78	266	115517	36.217	ng/ul	99
72) Phenanthrene	17.17	178	1044477	41.485	ng/ul	99
74) Anthracene	17.26	178	1088345	42.523	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.19	216	292712	42.257	ng/uL	96
76) Pentachlorobenzene	14.72	250	279406	41.519	ng/uL	98
77) Carbazole	17.53	167	965558	43.907	ng/ul	100
78) Di-n-butylphthalate	18.11	149	1074140	42.115	ng/ul	100
80) Fluoranthene	19.19	202	1225104	33.648	ng/ul	100
82) Pyrene	19.54	202	1286119	34.146	ng/ul	98
83) Butylbenzylphthalate	20.46	149	484690	34.743	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.22	252	438672	43.321	ng/ul	99
85) Benzo(a)anthracene	21.29	228	1320754	40.881	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.23	149	770632	40.240	ng/ul	100
87) Chrysene	21.34	228	1285309	40.188	ng/ul	99
89) Di-n-octyl phthalate	22.12	149	1359557	36.425	ng/ul	100
90) Benzo(b)fluoranthene	22.87	252	1484498	42.423	ng/ul	98
91) Benzo(k)fluoranthene	22.92	252	1405901	40.657	ng/ul	100
93) Benzo(a)pyrene	23.44	252	1320207	41.638	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.82	276	1786218	48.054	ng/ul	98
95) Dibenzo(a,h)anthracene	25.83	278	1496844	47.481	ng/ul	99
96) Benzo(g,h,i)perylene	26.51	276	1467995	46.497	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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