Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM052621\
Data File : BM030170.D
Acq On : 26 May 2021 14:16
Operator : CG/JU
Sample : SSTD08016
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD080016

Quant Time: May 26 14:47:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM052621.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 26 13:53:12 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	183126	20.00	ng/ul	0.00
20) Naphthalene-d8	10.67	136	709757	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.50	164	423356	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.23	188	858849	20.00	ng/ul	0.00
79) Chrysene-d12	21.40	240	922415	20.00	ng/ul	0.00
88) Perylene-d12	23.69	264	977403	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.34	96	168944	36.84	ng/uL	0.00
4) Pyridine-d5	3.75	84	1163131	101.31	ng/ul	0.00
7) Phenol-d5	7.04	99	1396683	82.02	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.21	67	861381	81.57	ng/ul	0.00
11) 2-Chlorophenol-d4	7.42	132	1112364	84.63	ng/ul	0.00
15) 4-Methylphenol-d8	8.58	113	1068265	75.85	ng/ul	0.00
21) Nitrobenzene-d5	9.04	128	484248	99.01	ng/ul	0.00
24) 2-Nitrophenol-d4	9.76	143	486453	88.12	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.29	165	1079336	97.50	ng/ul	0.00
31) 4-Chloroaniline-d4	10.80	131	1465324	86.98	ng/ul	0.00
46) Dimethylphthalate-d6	13.92	166	2871389	87.50	ng/ul	0.00
49) Acenaphthylene-d8	14.20	160	3853377	92.66	ng/ul	0.00
54) 4-Nitrophenol-d4	14.69	143	502937	94.10	ng/ul	0.01
60) Fluorene-d10	15.49	176	2499939	89.74	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.61	200	402417	72.14	ng/ul	0.00
73) Anthracene-d10	17.33	188	3827149	88.49	ng/ul	0.00
81) Pyrene-d10	19.62	212	4302877	90.93	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.55	264	5122242	92.45	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	180057	36.284	ng/uL	97
5) Pyridine	3.77	79	1194249	101.414	ng/ul	98
6) Benzaldehyde	7.02	77	619537	70.475	ng/ul	97
8) Phenol	7.07	94	1409178	81.049	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.30	93	1112341	80.911	ng/ul	98
12) 2-Chlorophenol	7.45	128	1125210	83.943	ng/ul	99
13) 2-Methylphenol	8.32	108	1044257	79.270	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.41	45	1804495	87.139	ng/ul	100
16) Acetophenone	8.70	105	1665690	73.699	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.70	70	892539	77.183	ng/ul	99
18) 4-Methylphenol	8.65	108	1101042	75.394	ng/ul	98
19) Hexachloroethane	8.96	117	486897	85.974	ng/ul	97
22) Nitrobenzene	9.08	77	1238603	97.184	ng/ul	99
23) Isophorone	9.61	82	2295868	85.166	ng/ul	100
25) 2-Nitrophenol	9.79	139	541751	90.390	ng/ul	96
26) 2,4-Dimethylphenol	9.85	107	1200425	88.763	ng/ul	98
27) Bis(2-Chloroethoxy)methane	10.09	93	1412722	89.473	ng/ul	99
29) 2,4-Dichlorophenol	10.32	162	1029211	94.674	ng/ul	99
30) Naphthalene	10.73	128	3463832	87.924	ng/ul	99
32) 4-Chloroaniline	10.83	127	1506971	86.833	ng/ul	99
33) Hexachlorobutadiene	11.01	225	689590	94.609	ng/ul	99
34) Caprolactam	11.62	113	149787	38.824	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.95	107	1015462	84.408 ng/ul	100
36) 2-Methylnaphthalene	12.33	142	2494592	87.291 ng/ul	97
37) 1-Methylnaphthalene	12.55	142	2425414	85.639 ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.70	216	1310694	100.189 ng/ul	97
40) Hexachlorocyclopentadiene	12.68	237	912199	134.235 ng/ul	98
41) 2,4,6-Trichlorophenol	12.93	196	774011	97.023 ng/ul	95
42) 2,4,5-Trichlorophenol	13.00	196	832845	98.643 ng/ul	99
43) 1,1'-Biphenyl	13.34	154	3080524	93.605 ng/ul	99
44) 2-Chloronaphthalene	13.38	162	2398537	94.968 ng/ul	99
45) 2-Nitroaniline	13.58	65	652719	102.250 ng/ul	97
47) Dimethylphthalate	13.96	163	2797430	85.136 ng/ul	100
48) 2,6-Dinitrotoluene	14.07	165	554126	93.943 ng/ul	99
50) Acenaphthylene	14.23	152	3673530	91.339 ng/ul	99
51) 3-Nitroaniline	14.40	138	563696	85.069 ng/ul#	97
52) Acenaphthene	14.57	153	2570108	90.420 ng/ul	99
53) 2,4-Dinitrophenol	14.60	184	273060	68.039 ng/ul	95
55) 4-Nitrophenol	14.70	109	387033	94.181 ng/ul	95
56) Dibenzofuran	14.90	168	3472294	89.191 ng/ul	99
57) 2,4-Dinitrotoluene	14.86	165	783614	89.777 ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.12	232	695464	86.502 ng/ul	99
59) Diethylphthalate	15.32	149	2852614	83.238 ng/ul	99
61) Fluorene	15.54	166	2996883	90.046 ng/ul	100
62) 4-Chlorophenyl-phenylether	15.54	204	1467668	89.744 ng/ul	99
63) 4-Nitroaniline	15.56	138	572799	87.205 ng/ul	99
66) 4,6-Dinitro-2-methylphenol	15.62	198	418944	76.307 ng/ul	99
67) N-Nitrosodiphenylamine	15.75	169	2530274	90.692 ng/ul	98
68) 4-Bromophenyl-phenylether	16.43	248	891730	93.280 ng/ul	97
69) Hexachlorobenzene	16.54	284	1001388	88.209 ng/ul	99
70) Atrazine	16.70	200	898797	87.317 ng/ul	99
71) Pentachlorophenol	16.89	266	574212	88.274 ng/ul	99
72) Phenanthrene	17.28	178	4449575	87.865 ng/ul	99
74) Anthracene	17.37	178	4591506	88.686 ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.30	216	1354712	99.718 ng/uL	98
76) Pentachlorobenzene	14.82	250	1199846	92.610 ng/uL	100
77) Carbazole	17.63	167	4203871	88.620 ng/ul	99
78) Di-n-butylphthalate	18.20	149	4826637	85.724 ng/ul	99
80) Fluoranthene	19.29	202	5185513	90.042 ng/ul	99
82) Pyrene	19.64	202	5420870	89.445 ng/ul	97
83) Butylbenzylphthalate	20.54	149	2188235	101.599 ng/ul	97
84) 3,3'-Dichlorobenzidine	21.31	252	1755112	83.635 ng/ul	99
85) Benzo(a)anthracene	21.38	228	5349025	88.881 ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.31	149	3480899	93.733 ng/ul	98
87) Chrysene	21.43	228	5216660	87.030 ng/ul	97
89) Di-n-octyl phthalate	22.20	149	5697910	76.181 ng/ul	100
90) Benzo(b)fluoranthene	23.00	252	5757729	90.817 ng/ul	99
91) Benzo(k)fluoranthene	23.04	252	5752469	86.304 ng/ul	99
93) Benzo(a)pyrene	23.60	252	5301873	92.078 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.04	276	7130305	102.312 ng/ul	98
95) Dibenzo(a,h)anthracene	26.06	278	5932702	100.427 ng/ul	99
96) Benzo(g,h,i)perylene	26.76	276	5889467	104.301 ng/ul	100

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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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