

Data File : BM024266.D
Acq On : 24 Dec 2019 22:01
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02019

Quant Time: Dec 25 02:51:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 25 02:48:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	322866	20.00	ng/ul	0.00
18) Naphthalene-d8	10.20	136	1347244	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	782471	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	1556570	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	1389412	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	1712100	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.99	96	57677	7.89	ng/uL	0.00
5) Phenol-d5	6.63	99	540858	17.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	331928	18.10	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	420393	19.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	423473	16.95	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	203837	21.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.30	143	224718	21.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	402403	19.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	481105	19.14	ng/ul	0.00
44) Dimethylphthalate-d6	13.52	166	1100437	19.02	ng/ul	0.00
47) Acenaphthylene-d8	13.78	160	1395045	20.12	ng/ul	0.00
52) 4-Nitrophenol-d4	14.35	143	164845	15.87	ng/ul	0.01
58) Fluorene-d10	15.10	176	940736	18.55	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	128738	13.56	ng/ul	0.01
71) Anthracene-d10	16.95	188	1385141	19.56	ng/ul	0.00
79) Pyrene-d10	19.26	212	1410485	21.31	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	1643098	19.32	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.02	88	61428	7.588	ng/uL# 89
4) Benzaldehyde	6.59	77	377928	19.123	ng/ul 99
6) Phenol	6.66	94	557718	17.667	ng/ul 99
8) Bis(2-Chloroethyl)ether	6.88	93	438249	17.916	ng/ul 99
10) 2-Chlorophenol	7.00	128	422083	18.875	ng/ul 98
11) 2-Methylphenol	7.89	108	403764	17.203	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	7.97	45	530365	18.826	ng/ul 99
14) Acetophenone	8.26	105	640549	16.997	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.25	70	363994	17.484	ng/ul 99
16) 4-Methylphenol	8.22	108	436957	16.769	ng/ul 97
17) Hexachloroethane	8.49	117	186305	20.185	ng/ul 98
20) Nitrobenzene	8.63	77	531794	19.762	ng/ul 99
21) Isophorone	9.15	82	971844	19.322	ng/ul 99
23) 2-Nitrophenol	9.33	139	235443	20.092	ng/ul 95
24) 2,4-Dimethylphenol	9.41	107	483623	19.132	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.64	93	585504	18.738	ng/ul 98
27) 2,4-Dichlorophenol	9.87	162	387454	19.131	ng/ul 99
28) Naphthalene	10.25	128	1368258	19.381	ng/ul 100
30) 4-Chloroaniline	10.37	127	487772	19.229	ng/ul 98
31) Hexachlorobutadiene	10.53	225	245408	19.601	ng/ul 98
32) Caprolactam	11.18	113	124727	16.298	ng/ul 93
33) 4-Chloro-3-methylphenol	11.52	107	434772	17.890	ng/ul 98
34) 2-Methylnaphthalene	11.87	142	920390	18.239	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.10	142	933933	18.132	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.26	216	439838	20.794	ng/ul	99
38) Hexachlorocyclopentadiene	12.23	237	120522	12.646	ng/ul	97
39) 2,4,6-Trichlorophenol	12.52	196	291516	20.839	ng/ul	99
40) 2,4,5-Trichlorophenol	12.60	196	306528	20.326	ng/ul	99
41) 1,1'-Biphenyl	12.92	154	1170716	20.044	ng/ul	99
42) 2-Chloronaphthalene	12.96	162	933787	20.349	ng/ul	99
43) 2-Nitroaniline	13.18	65	277287	20.610	ng/ul	100
45) Dimethylphthalate	13.57	163	1131483	18.816	ng/ul	99
46) 2,6-Dinitrotoluene	13.69	165	233194	19.686	ng/ul	97
48) Acenaphthylene	13.81	152	1467220	19.933	ng/ul	99
49) 3-Nitroaniline	14.02	138	225031	20.016	ng/ul	96
50) Acenaphthene	14.16	153	980208	19.367	ng/ul	100
51) 2,4-Dinitrophenol	14.26	184	96356	14.475	ng/ul	95
53) 4-Nitrophenol	14.36	109	131417	15.864	ng/ul	97
54) Dibenzofuran	14.50	168	1321023	18.775	ng/ul	99
55) 2,4-Dinitrotoluene	14.50	165	332242	18.572	ng/ul	89
56) 2,3,4,6-Tetrachlorophenol	14.74	232	256277	18.798	ng/ul	97
57) Diethylphthalate	14.95	149	1162013	19.006	ng/ul	100
59) Fluorene	15.16	166	1121167	18.869	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.16	204	532163	18.418	ng/ul	97
61) 4-Nitroaniline	15.20	138	225124	18.135	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.27	198	141629	13.965	ng/ul	95
65) N-Nitrosodiphenylamine	15.37	169	919151	20.309	ng/ul	99
66) 4-Bromophenyl-phenylether	16.05	248	341008	20.610	ng/ul	100
67) Hexachlorobenzene	16.17	284	407569	20.118	ng/ul	97
68) Atrazine	16.34	200	330065	19.619	ng/ul	98
69) Pentachlorophenol	16.52	266	187118	17.626	ng/ul	98
70) Phenanthrene	16.90	178	1683330	19.317	ng/ul	99
72) Anthracene	16.99	178	1729021	19.736	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.88	216	440966	22.572	ng/uL	99
74) Pentachlorobenzene	14.42	250	453462	21.076	ng/uL	97
75) Carbazole	17.27	167	1487883	19.770	ng/ul	99
76) Di-n-butylphthalate	17.84	149	1997248	22.128	ng/ul	99
77) Fluoranthene	18.93	202	1885046	19.847	ng/ul	100
80) Pyrene	19.29	202	1929955	21.277	ng/ul	100
81) Butylbenzylphthalate	20.22	149	891488	24.947	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.00	252	702864	22.788	ng/ul	99
83) Benzo(a)anthracene	21.06	228	1747523	19.741	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.01	149	1346128	25.278	ng/ul	100
85) Chrysene	21.11	228	1711291	19.723	ng/ul	100
87) Di-n-octyl phthalate	21.86	149	2257942	24.409	ng/ul	100
88) Benzo(b)fluoranthene	22.57	252	1904822	18.594	ng/ul	99
89) Benzo(k)fluoranthene	22.62	252	1924761	19.149	ng/ul	99
91) Benzo(a)pyrene	23.11	252	1780344	19.211	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.31	276	2362399	21.229	ng/ul	99
93) Dibenzo(a,h)anthracene	25.31	278	1971675	21.134	ng/ul	99
94) Benzo(g,h,i)perylene	25.95	276	1966513	21.644	ng/ul	98

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Quantitation Report (QT Reviewed)

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

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