

Data File : BM024205.D
Acq On : 20 Dec 2019 16:04
Operator : JU
Sample : K4649-08MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 21 01:02:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 21 00:34:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	275064	20.00	ng/ul	0.00
18) Naphthalene-d8	10.20	136	1231326	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	805461	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	1710996	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	1667376	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	1878276	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.99	96	59179	9.50	ng/uL	0.00
5) Phenol-d5	6.63	99	541212	20.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	353280	22.62	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	414133	22.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	431979	20.29	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	201532	22.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.30	143	221639	22.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	434657	22.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	566121	24.65	ng/ul	0.00
44) Dimethylphthalate-d6	13.52	166	1382060	23.20	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	1589672	22.27	ng/ul	0.00
52) 4-Nitrophenol-d4	14.34	143	212474	19.87	ng/ul	0.00
58) Fluorene-d10	15.10	176	1159200	22.20	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.25	200	220913	21.16	ng/ul	0.00
71) Anthracene-d10	16.96	188	1776556	22.82	ng/ul	0.00
79) Pyrene-d10	19.26	212	1875945	23.62	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	2160340	23.16	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.03	88	63082	9.146	ng/uL 93
4) Benzaldehyde	6.59	77	358641	21.301	ng/ul 98
6) Phenol	6.66	94	560121	20.827	ng/ul 100
8) Bis(2-Chloroethyl)ether	6.88	93	448625	21.528	ng/ul 97
10) 2-Chlorophenol	7.00	128	429958	22.569	ng/ul 98
11) 2-Methylphenol	7.89	108	406277	20.318	ng/ul 100
12) 2,2'-oxybis(1-Chloropropan	7.97	45	550605	22.941	ng/ul 100
14) Acetophenone	8.26	105	688596	21.447	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.25	70	403598	22.755	ng/ul 98
16) 4-Methylphenol	8.22	108	458997	20.675	ng/ul 99
17) Hexachloroethane	8.49	117	181374	23.066	ng/ul 97
20) Nitrobenzene	8.63	77	551471	22.423	ng/ul 99
21) Isophorone	9.16	82	1039293	22.608	ng/ul 100
23) 2-Nitrophenol	9.33	139	245234	22.897	ng/ul 91
24) 2,4-Dimethylphenol	9.41	107	525764	22.757	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.64	93	645539	22.605	ng/ul 98
27) 2,4-Dichlorophenol	9.87	162	417079	22.533	ng/ul 99
28) Naphthalene	10.25	128	1407596	21.815	ng/ul 100
30) 4-Chloroaniline	10.38	127	574573	24.783	ng/ul 99
31) Hexachlorobutadiene	10.54	225	258931	22.628	ng/ul 97
32) Caprolactam	11.17	113	135476m	19.369	ng/ul
33) 4-Chloro-3-methylphenol	11.52	107	482133	21.707	ng/ul 99
34) 2-Methylnaphthalene	11.88	142	1043144	22.618	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.10	142	1024394	21.761	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.26	216	502963	23.100	ng/ul	98
38) Hexachlorocyclopentadiene	12.23	237	153027	15.598	ng/ul	96
39) 2,4,6-Trichlorophenol	12.52	196	328292	22.798	ng/ul	97
40) 2,4,5-Trichlorophenol	12.60	196	352826	22.728	ng/ul	97
41) 1,1'-Biphenyl	12.92	154	1368457	22.761	ng/ul	100
42) 2-Chloronaphthalene	12.96	162	1044109	22.104	ng/ul	99
43) 2-Nitroaniline	13.18	65	318113	22.969	ng/ul	97
45) Dimethylphthalate	13.57	163	1367424	22.090	ng/ul	99
46) 2,6-Dinitrotoluene	13.69	165	268199	21.995	ng/ul	97
48) Acenaphthylene	13.82	152	1608827	21.233	ng/ul	99
49) 3-Nitroaniline	14.02	138	260739	22.531	ng/ul	93
50) Acenaphthene	14.16	153	1138879	21.860	ng/ul	99
51) 2,4-Dinitrophenol	14.25	184	122512	17.879	ng/ul	96
53) 4-Nitrophenol	14.36	109	173799	20.381	ng/ul	93
54) Dibenzofuran	14.50	168	1629919	22.504	ng/ul	99
55) 2,4-Dinitrotoluene	14.50	165	397471	21.584	ng/ul	88
56) 2,3,4,6-Tetrachlorophenol	14.74	232	321052	22.877	ng/ul	96
57) Diethylphthalate	14.95	149	1432217	22.757	ng/ul	100
59) Fluorene	15.16	166	1324381	21.653	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.16	204	655499	22.039	ng/ul	96
61) 4-Nitroaniline	15.20	138	254508	19.917	ng/ul	100
64) 4,6-Dinitro-2-methylphenol	15.27	198	230164	20.646	ng/ul	99
65) N-Nitrosodiphenylamine	15.38	169	1165001	23.418	ng/ul	100
66) 4-Bromophenyl-phenylether	16.06	248	425195	23.379	ng/ul	99
67) Hexachlorobenzene	16.16	284	495732	22.261	ng/ul	98
68) Atrazine	16.34	200	414649	22.422	ng/ul	99
69) Pentachlorophenol	16.52	266	243318	20.851	ng/ul	97
70) Phenanthrene	16.90	178	2097335	21.895	ng/ul	99
72) Anthracene	16.99	178	2153948	22.367	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.88	216	504513	23.494	ng/uL	98
74) Pentachlorobenzene	14.43	250	548698	23.201	ng/uL	97
75) Carbazole	17.27	167	1880231	22.728	ng/ul	99
76) Di-n-butylphthalate	17.84	149	2459076	24.786	ng/ul	99
77) Fluoranthene	18.93	202	2386558	22.859	ng/ul	100
80) Pyrene	19.29	202	2462011	22.618	ng/ul	100
81) Butylbenzylphthalate	20.22	149	1115799	26.019	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.00	252	853489	23.059	ng/ul	99
83) Benzo(a)anthracene	21.06	228	2437555	22.945	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.01	149	1725931	27.007	ng/ul	100
85) Chrysene	21.11	228	2280224	21.898	ng/ul	99
87) Di-n-octyl phthalate	21.86	149	2866500	28.246	ng/ul	100
88) Benzo(b)fluoranthene	22.57	252	2554051	22.726	ng/ul	100
89) Benzo(k)fluoranthene	22.61	252	2490720	22.587	ng/ul	99
91) Benzo(a)pyrene	23.11	252	2422455	23.827	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.30	276	2914425	23.873	ng/ul	99
93) Dibenzo(a,h)anthracene	25.31	278	2453792	23.974	ng/ul	99
94) Benzo(g,h,i)perylene	25.94	276	2406487	24.143	ng/ul	99

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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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