

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051019\
 Data File : BN005588.D
 Acq On : 10 May 2019 14:24
 Operator : JU/SJ
 Sample : K2606-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5109

Quant Time: May 10 15:12:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 10 13:02:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	156793	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	680148	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.22	164	429959	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	985835	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	930055	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	933517	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	14391	4.43	ng/uL	0.00
5) Phenol-d5	6.76	99	357688	29.05	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.93	67	197008	25.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	293392	31.13	ng/ul	-0.01
13) 4-Methylphenol-d8	8.28	113	296699	30.82	ng/ul	-0.01
19) Nitrobenzene-d5	8.72	128	154459	36.90	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.44	143	175165	41.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	344468	35.41	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	406498	40.52	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	1084684	34.75	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	1323018	34.51	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	177877	36.09	ng/ul	0.00
57) Fluorene-d10	15.22	176	932144	35.59	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	163444	36.86	ng/ul	0.00
70) Anthracene-d10	17.07	188	1503405	36.38	ng/ul	0.00
78) Pyrene-d10	19.39	212	1662590	34.94	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	1484271	36.38	ng/ul	0.01

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.23	88	61351	17.565	ng/uL 97
8) Bis(2-Chloroethyl)ether	7.02	93	397778	39.220	ng/ul 92
10) 2-Chlorophenol	7.15	128	363437	37.302	ng/ul 96
12) 2,2'-oxybis(1-Chloropropan	8.10	45	420634	24.700	ng/ul 96
15) N-Nitroso-di-n-propylamine	8.38	70	168308	20.423	ng/ul 90
17) Hexachloroethane	8.63	117	127689	30.180	ng/ul 89
20) Nitrobenzene	8.76	77	390902	33.930	ng/ul 93
25) Bis(2-Chloroethoxy)methane	9.77	93	387683	27.044	ng/ul 99
27) 2,4-Dichlorophenol	10.00	162	352743	36.741	ng/ul 98
28) Naphthalene	10.39	128	851085	26.917	ng/ul 99
31) Hexachlorobutadiene	10.67	225	159859	23.579	ng/ul 96
36) 1,2,4,5-Tetrachlorobenzene	12.39	216	193903	14.572	ng/ul 96
37) Hexachlorocyclopentadiene	12.36	237	117056	12.903	ng/ul 95
38) 2,4,6-Trichlorophenol	12.63	196	399551	49.797	ng/ul 99
39) 2,4,5-Trichlorophenol	12.72	196	272825	31.644	ng/ul 96
41) 2-Chloronaphthalene	13.08	162	718665	29.168	ng/ul 96
44) Dimethylphthalate	13.68	163	1297330	41.715	ng/ul 99
45) 2,6-Dinitrotoluene	13.80	165	132265	24.631	ng/ul 92
47) Acenaphthylene	13.93	152	968870	25.718	ng/ul 99
49) Acenaphthene	14.28	153	571931	22.238	ng/ul 99
53) Dibenzofuran	14.62	168	928968	25.087	ng/ul 98
54) 2,4-Dinitrotoluene	14.61	165	159125	20.555	ng/ul 93
56) Diethylphthalate	15.06	149	884885	28.376	ng/ul 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

58) Fluorene	15.27	166	787931	27.269	ng/ul	95
59) 4-Chlorophenyl-phenylether	15.27	204	250618	16.351	ng/ul	96
65) 4-Bromophenyl-phenylether	16.17	248	246127	24.782	ng/ul	95
66) Hexachlorobenzene	16.29	284	192362	18.189	ng/ul#	93
68) Pentachlorophenol	16.63	266	219759	35.489	ng/ul	98
71) Anthracene	17.11	178	1974387	40.368	ng/ul	99
74) Carbazole	17.39	167	1512926	36.010	ng/ul	99
75) Di-n-butylphthalate	17.96	149	1727826	32.776	ng/ul	100
80) Butylbenzylphthalate	20.34	149	876230	36.958	ng/ul	93
82) Benzo(a)anthracene	21.20	228	1691606	29.237	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.14	149	765428	20.966	ng/ul	98
86) Di-n-octyl phthalate	22.03	149	2492618	43.596	ng/ul	100
87) Benzo(b)fluoranthene	22.77	252	839736	16.002	ng/ul#	97
88) Benzo(k)fluoranthene	22.82	252	2160566	43.110	ng/ul	98
93) Benzo(g,h,i)perylene	26.28	276	1140051	25.283	ng/ul#	95

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

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