

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN043019\
 Data File : BN005368.D
 Acq On : 30 Apr 2019 12:27
 Operator : JU/SJ
 Sample : K2470-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5110

Quant Time: May 01 11:40:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 25 03:19:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	261762	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.35	136	1083499	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.22	164	660501	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.98	188	1529092	20.00	ng/ul	0.00
77) Chrysene-d12	21.24	240	1595455	20.00	ng/ul	0.02
85) Perylene-d12	23.49	264	1803744	20.00	ng/ul	0.05

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	26071	4.81	ng/uL	0.00
5) Phenol-d5	6.77	99	594505	28.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	321740	25.09	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.12	132	467106	29.69	ng/ul	-0.01
13) 4-Methylphenol-d8	8.29	113	449862	27.99	ng/ul	-0.01
19) Nitrobenzene-d5	8.73	128	222694	33.39	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.44	143	177908	26.31	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.97	165	507673	32.76	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.49	131	535368	33.50	ng/ul	-0.01
43) Dimethylphthalate-d6	13.64	166	1731797	36.12	ng/ul	-0.01
46) Acenaphthylene-d8	13.91	160	2054631	34.89	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.43	143	264205	34.90	ng/ul	0.00
57) Fluorene-d10	15.22	176	1515025	37.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	129505	18.83	ng/ul	0.00
70) Anthracene-d10	17.08	188	2406528	37.54	ng/ul	0.00
78) Pyrene-d10	19.40	212	2844615	34.85	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	3080333	39.08	ng/ul	0.04

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.24	88	58491	10.031	ng/uL	97
12) 2,2'-oxybis(1-Chloropropan	8.11	45	438582	15.427	ng/ul	96
20) Nitrobenzene	8.77	77	388610	21.174	ng/ul	94
23) 2-Nitrophenol	9.47	139	177283	23.141	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.78	93	376062	16.468	ng/ul	98
27) 2,4-Dichlorophenol	10.00	162	334057	21.842	ng/ul	98
28) Naphthalene	10.40	128	670159	13.305	ng/ul	98
33) 4-Chloro-3-methylphenol	11.64	107	1169464	67.907	ng/ul	95
34) 2-Methylnaphthalene	12.02	142	1166616	31.631	ng/ul	97
37) Hexachlorocyclopentadiene	12.37	237	296720	21.291	ng/ul	96
38) 2,4,6-Trichlorophenol	12.64	196	282759	22.941	ng/ul	99
41) 2-Chloronaphthalene	13.09	162	912320	24.104	ng/ul	97
45) 2,6-Dinitrotoluene	13.80	165	122168	14.810	ng/ul	90
47) Acenaphthylene	13.94	152	901708	15.581	ng/ul	99
49) Acenaphthene	14.29	153	646617	16.366	ng/ul	99
54) 2,4-Dinitrotoluene	14.60	165	409327	34.420	ng/ul#	84
55) 2,3,4,6-Tetrachlorophenol	14.86	232	560576	50.876	ng/ul	92
58) Fluorene	15.28	166	739736	16.665	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.28	204	650918	27.644	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.37	198	438992	59.976	ng/ul#	90
65) 4-Bromophenyl-phenylether	16.18	248	518668	33.670	ng/ul	93
66) Hexachlorobenzene	16.29	284	594254	36.228	ng/ul	95
69) Phenanthrene	17.02	178	1343871	18.046	ng/ul	99

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71) Anthracene	17.12	178	1223771	16.132	ng/ul	99
76) Fluoranthene	19.06	202	3909746	47.333	ng/ul	98
79) Pyrene	19.43	202	1633277	15.899	ng/ul	95
82) Benzo(a)anthracene	21.23	228	1663408	16.759	ng/ul	99
84) Chrysene	21.28	228	1592843	17.292	ng/ul	99
87) Benzo(b)fluoranthene	22.83	252	5497549	54.220	ng/ul	98
88) Benzo(k)fluoranthene	22.87	252	1546704	15.972	ng/ul	100
90) Benzo(a)pyrene	23.39	252	898453	9.427	ng/ul#	98
91) Indeno(1,2,3-cd)pyrene	25.68	276	2050257	19.458	ng/ul	97
92) Dibenzo(a,h)anthracene	25.69	278	2062298	23.062	ng/ul	97
93) Benzo(a,h,i)perylene	26.34	276	1790534	20.551	ng/ul	97

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

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