

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN040920\
 Data File : BN010452.D
 Acq On : 09 Apr 2020 13:26
 Operator : CG/JU
 Sample : SST01656
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST016056

Quant Time: Apr 09 13:56:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 09 12:08:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	527517	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	2251862	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.24	164	1457356	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.99	188	3285556	20.00	ng/ul	0.01
78) Chrysene-d12	21.20	240	2687976	20.00	ng/ul	0.01
86) Perylene-d12	23.37	264	2608455	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	637530	57.15	ng/uL	0.00
5) Phenol-d5	6.82	99	7012241	159.36	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.96	67	3410214	147.92	ng/ul	0.01
9) 2-Chlorophenol-d4	7.16	132	5912569	169.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	5807939	156.23	ng/ul	0.02
19) Nitrobenzene-d5	8.76	128	2888911	172.79	ng/ul	0.02
22) 2-Nitrophenol-d4	9.48	143	3417301	193.06	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.02	165	6236820	169.92	ng/ul	0.02
29) 4-Chloroaniline-d4	10.52	131	5979146	137.80	ng/ul	0.01
44) Dimethylphthalate-d6	13.67	166	16006569	145.56	ng/ul	0.02
47) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
52) 4-Nitrophenol-d4	14.49	143	3469165	167.98	ng/ul	0.04
58) Fluorene-d10	15.25	176	14079174	146.91	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.39	200	3224758	171.42	ng/ul	0.04
71) Anthracene-d10	16.99	188	3285556	21.78	ng/ul	-0.09
79) Pyrene-d10	19.27	212	10727	0.08	ng/ul	-0.12
90) Benzo(a)pyrene-d12	23.25	264	21416829	165.04	ng/ul	0.02

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.24	88	675647	57.296	ng/uL	96
4) Benzaldehyde	6.76	77	2322096	103.284	ng/ul	99
6) Phenol	6.85	94	7081299	153.772	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.06	93	5322020	149.502	ng/ul	98
10) 2-Chlorophenol	7.19	128	5910465	163.336	ng/ul	99
11) 2-Methylphenol	8.06	108	5620927	157.071	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.15	45	3331929	136.621	ng/ul	95
14) Acetophenone	8.43	105	8327738	147.368	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.46	70	3999446	145.004	ng/ul	98
16) 4-Methylphenol	8.41	108	5905237	150.917	ng/ul	100
17) Hexachloroethane	8.68	117	2476909	168.937	ng/ul	93
20) Nitrobenzene	8.80	77	6607372	162.603	ng/ul	97
21) Isophorone	9.35	82	12160816	156.500	ng/ul	99
23) 2-Nitrophenol	9.50	139	3566110	176.343	ng/ul	97
24) 2,4-Dimethylphenol	9.58	107	6638532	160.539	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.81	93	7383252	151.258	ng/ul	98
27) 2,4-Dichlorophenol	10.05	162	6026759	162.600	ng/ul	98
28) Naphthalene	10.42	128	16675093	137.650	ng/ul	96
30) 4-Chloroaniline	10.54	127	5924931	135.991	ng/ul	99
31) Hexachlorobutadiene	10.72	225	4214573	171.016	ng/ul	92
32) Caprolactam	11.38	113	1214360	98.189	ng/ul	96
33) 4-Chloro-3-methylphenol	11.69	107	6483081	165.870	ng/ul	99
34) 2-Methylnaphthalene	12.05	142	12984815	147.537	ng/ul	95

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

35) 1-Methylnaphthalene	12.27	142	12741965	145.924	ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.43	216	7274610	158.291	ng/uL	93
38) Hexachlorocyclopentadiene	12.41	237	4183023	138.004	ng/uL	96
39) 2,4,6-Trichlorophenol	12.67	196	5109030	174.038	ng/uL	99
40) 2,4,5-Trichlorophenol	12.75	196	5587250	177.040	ng/uL	98
41) 1,1'-Biphenyl	13.07	154	14856565	133.965	ng/uL#	85
42) 2-Chloronaphthalene	13.12	162	13326549	151.236	ng/uL	96
43) 2-Nitroaniline	13.33	65	3620706	182.967	ng/uL	97
45) Dimethylphthalate	13.72	163	15622993	137.588	ng/uL#	95
46) 2,6-Dinitrotoluene	13.84	165	4024203	180.299	ng/uL	100
48) Acenaphthylene	13.96	152	16018848	115.912	ng/uL#	81
49) 3-Nitroaniline	14.16	138	3582875	171.994	ng/uL	95
50) Acenaphthene	14.31	153	13834979	145.325	ng/uL	95
51) 2,4-Dinitrophenol	14.37	184	2389936	185.815	ng/uL	98
53) 4-Nitrophenol	14.51	109	2746885	166.367	ng/uL	96
54) Dibenzofuran	14.65	168	16158584	120.503	ng/uL	88
55) 2,4-Dinitrotoluene	14.63	165	5574464	170.187	ng/uL	96
56) 2,3,4,6-Tetrachlorophenol	14.89	232	4827420	175.246	ng/uL	94
57) Diethylphthalate	15.09	149	14963259	133.015	ng/uL#	87
59) Fluorene	15.30	166	14322199	131.239	ng/uL	95
60) 4-Chlorophenyl-phenylether	15.30	204	8066433	142.376	ng/uL	98
61) 4-Nitroaniline	15.35	138	4250381	180.869	ng/uL	99
64) 4,6-Dinitro-2-methylphenol	15.40	198	3257553	157.787	ng/uL	95
65) N-Nitrosodiphenylamine	15.52	169	13137852	137.443	ng/uL	95
66) 4-Bromophenyl-phenylether	16.19	248	5762866	166.754	ng/uL	97
67) Hexachlorobenzene	16.32	284	6527872	166.389	ng/uL	94
68) Atrazine	16.49	200	5743082	153.101	ng/uL	98
69) Pentachlorophenol	16.65	266	4351318	181.374	ng/uL	97
73) 1,2,3,4-Tetrachlorobenzene	13.04	216	8004117	160.442	ng/uL	95
74) Pentachlorobenzene	14.58	250	7782652	158.680	ng/uL	96
76) Di-n-butylphthalate	17.97	149	3340090	17.750	ng/uL#	85
81) Butylbenzylphthalate	20.34	149	12633759	176.253	ng/uL#	85
82) 3,3'-Dichlorobenzidine	21.12	252	8380251	137.071	ng/uL	98
83) Benzo(a)anthracene	21.23	228	3416927	18.921	ng/uL#	62
84) Bis(2-ethylhexyl)phthalate	21.13	149	13522122	127.481	ng/uL	95
85) Chrysene	21.23	228	3416927	19.841	ng/uL#	63
87) Di-n-octyl phthalate	21.99	149	2581337	20.144	ng/uL	100
88) Benzo(b)fluoranthene	22.77	252	895728	5.671	ng/uL	96
89) Benzo(k)fluoranthene	22.77	252	895728	5.837	ng/uL	97
92) Indeno(1,2,3-cd)pyrene	25.56	276	17327926	90.796	ng/uL	98
93) Dibenzo(a,h)anthracene	25.58	278	22590909	143.314	ng/uL	97
94) Benzo(g,h,i)perylene	26.23	276	23456085	145.869	ng/uL	100

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

