

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112719\
 Data File : BN008759.D
 Acq On : 27 Nov 2019 16:08
 Operator : JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV59

Manual Integrations
 APPROVED

Sohil
 11/29/2019 8:49:04 AM

Quant Time: Nov 27 16:43:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN112719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 27 15:51:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	364348	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1686262	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	1200527	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	2693729	20.00	ng/ul	0.00
77) Chrysene-d12	21.16	240	2531472	20.00	ng/ul	0.00
85) Perylene-d12	23.32	264	2853647	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	71069	8.53	ng/uL	0.00
5) Phenol-d5	6.78	99	769065	20.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	487919	21.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	553510	21.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	619776	20.94	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	287305	22.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	312069	22.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	600616	21.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	831965	23.39	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	2068501	21.63	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	2329821	22.05	ng/ul	0.00
51) 4-Nitrophenol-d4	14.42	143	409230	21.10	ng/ul	0.00
57) Fluorene-d10	15.21	176	1739686	21.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.33	200	325450	20.91	ng/ul	0.00
70) Anthracene-d10	17.06	188	2750525	21.57	ng/ul	0.00
78) Pyrene-d10	19.36	212	3169709	22.44	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.19	264	3320339	22.30	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.22	88	76569	8.405	ng/uL 98
4) Benzaldehyde	6.74	77	507209	25.595	ng/ul 98
6) Phenol	6.80	94	789405	20.358	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.02	93	600613	21.009	ng/ul 99
10) 2-Chlorophenol	7.16	128	570894	21.355	ng/ul 99
11) 2-Methylphenol	8.03	108	588982	20.448	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.12	45	1202631	21.652	ng/ul 100
14) Acetophenone	8.40	105	979680	21.055	ng/ul 100
15) N-Nitroso-di-n-propylamine	8.39	70	528634	21.127	ng/ul 98
16) 4-Methylphenol	8.36	108	665627	20.649	ng/ul 100
17) Hexachloroethane	8.65	117	218663	21.107	ng/ul 91
20) Nitrobenzene	8.76	77	733150	21.559	ng/ul 99
21) Isophorone	9.29	82	1475442	21.448	ng/ul 100
23) 2-Nitrophenol	9.47	139	335728	22.116	ng/ul 97
24) 2,4-Dimethylphenol	9.55	107	738544	21.468	ng/ul 98
25) Bis(2-Chloroethoxy)methane	9.78	93	895829	21.450	ng/ul 100
27) 2,4-Dichlorophenol	10.00	162	600625	21.882	ng/ul 96
28) Naphthalene	10.40	128	1948008	21.458	ng/ul 99
30) 4-Chloroaniline	10.50	127	853914	23.675	ng/ul 98
31) Hexachlorobutadiene	10.69	225	329044	21.494	ng/ul 99
32) Caprolactam	11.27	113	234835m	20.417	ng/ul
33) 4-Chloro-3-methylphenol	11.64	107	748611	21.401	ng/ul 98
34) 2-Methylnaphthalene	12.02	142	1471976	21.461	ng/ul 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.39	216	729748	22.335	ng/ul	96
37) Hexachlorocyclopentadiene	12.37	237	382415	21.108	ng/ul	97
38) 2,4,6-Trichlorophenol	12.63	196	507226	22.596	ng/ul	98
39) 2,4,5-Trichlorophenol	12.70	196	550791	22.232	ng/ul	99
40) 1,1'-Biphenyl	13.05	154	1962934	21.879	ng/ul	99
41) 2-Chloronaphthalene	13.07	162	1489742	21.680	ng/ul	98
42) 2-Nitroaniline	13.28	65	562721	21.979	ng/ul	98
44) Dimethylphthalate	13.68	163	2005697	21.475	ng/ul	100
45) 2,6-Dinitrotoluene	13.79	165	395601	21.985	ng/ul	92
47) Acenaphthylene	13.93	152	2400196	22.030	ng/ul	99
48) 3-Nitroaniline	14.12	138	421870	21.455	ng/ul	96
49) Acenaphthene	14.28	153	1639189	21.496	ng/ul	98
50) 2,4-Dinitrophenol	14.32	184	213432	19.167	ng/ul	91
52) 4-Nitrophenol	14.44	109	319238	21.307	ng/ul	94
53) Dibenzofuran	14.62	168	2381414	21.397	ng/ul	99
54) 2,4-Dinitrotoluene	14.58	165	607595	22.217	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.85	232	475012	21.578	ng/ul	99
56) Diethylphthalate	15.06	149	2057533	21.622	ng/ul	99
58) Fluorene	15.27	166	1926986	21.494	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.27	204	946651	21.751	ng/ul	99
60) 4-Nitroaniline	15.28	138	503913	21.340	ng/ul	100
63) 4,6-Dinitro-2-methylphenol	15.35	198	345028	20.620	ng/ul	98
64) N-Nitrosodiphenylamine	15.48	169	1764266	22.271	ng/ul	97
65) 4-Bromophenyl-phenylether	16.16	248	580402	21.709	ng/ul	99
66) Hexachlorobenzene	16.27	284	623490	21.769	ng/ul	99
67) Atrazine	16.45	200	639537	22.441	ng/ul	98
68) Pentachlorophenol	16.62	266	398245	21.118	ng/ul	92
69) Phenanthrene	17.00	178	3228198	21.830	ng/ul	99
71) Anthracene	17.09	178	3292793	21.903	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.00	216	724959	22.213	ng/uL	99
73) Pentachlorobenzene	14.54	250	743512	22.081	ng/uL	97
74) Carbazole	17.36	167	3021811	22.670	ng/ul	99
75) Di-n-butylphthalate	17.95	149	3540165	22.076	ng/ul	99
76) Fluoranthene	19.02	202	3809322	23.554	ng/ul	99
79) Pvrene	19.39	202	3906611	22.031	ng/ul	99
80) Butylbenzylphthalate	20.32	149	1659881	22.215	ng/ul	94
81) 3,3'-Dichlorobenzidine	21.09	252	1356284	22.155	ng/ul	99
82) Benzo(a)anthracene	21.15	228	3965604	22.336	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.11	149	2481532	22.264	ng/ul	100
84) Chrysene	21.20	228	3679057	22.157	ng/ul	99
86) Di-n-octyl phthalate	21.97	149	4264301	26.163	ng/ul	100
87) Benzo(b)fluoranthene	22.69	252	3833438	21.633	ng/ul	99
88) Benzo(k)fluoranthene	22.73	252	3806566	22.755	ng/ul	99
90) Benzo(a)pyrene	23.23	252	3814908	22.509	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.46	276	4307139	21.832	ng/ul	95
92) Dibenzo(a,h)anthracene	25.47	278	3681936	22.131	ng/ul	98
93) Benzo(g,h,i)perylene	26.10	276	3628109	21.653	ng/ul	97

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

