

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
 Data File : BN011508.D
 Acq On : 19 Aug 2020 09:12
 Operator : CG/JU
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 SSTD02068

Manual Integrations
 APPROVED

mohammad
 8/19/2020 2:20:23 PM

Quant Time: Aug 19 10:11:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 19 02:19:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	207437	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	701051	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	443307	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	1077386	20.00	ng/ul	0.00
78) Chrysene-d12	21.04	240	1052333	20.00	ng/ul	0.00
86) Perylene-d12	23.15	264	1080471	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.11	96	39443	9.12	ng/uL	0.00
5) Phenol-d5	6.63	99	311953	21.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	168688	22.56	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	287433	21.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.14	113	249577	20.95	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	116008	21.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	130228	21.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.81	165	251987	21.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.32	131	300473	21.76	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	708874	20.54	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	924025	22.24	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	118963	20.34	ng/ul	0.00
58) Fluorene-d10	15.07	176	637523	21.10	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	119726	16.76	ng/ul	0.00
71) Anthracene-d10	16.92	188	1059488	20.59	ng/ul	0.00
79) Pyrene-d10	19.23	212	1116220	20.65	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.02	264	1227913	20.46	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.14	88	42609	7.649	ng/uL# 94
4) Benzaldehyde	6.60	77	202059	21.118	ng/ul 94
6) Phenol	6.66	94	338283	22.620	ng/ul 97
8) Bis(2-Chloroethyl)ether	6.88	93	257616	21.732	ng/ul 93
10) 2-Chlorophenol	7.00	128	298038	21.968	ng/ul 96
11) 2-Methylphenol	7.88	108	245262	20.828	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	7.96	45	146369	22.717	ng/ul 97
14) Acetophenone	8.24	105	409682	21.273	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.23	70	189207	22.677	ng/ul 98
16) 4-Methylphenol	8.20	108	264054	21.177	ng/ul 96
17) Hexachloroethane	8.48	117	119259	19.012	ng/ul 90
20) Nitrobenzene	8.61	77	267244	20.125	ng/ul 95
21) Isophorone	9.13	82	453976	19.427	ng/ul 100
23) 2-Nitrophenol	9.31	139	144668	21.229	ng/ul 99
24) 2,4-Dimethylphenol	9.38	107	284023	22.047	ng/ul 97
25) Bis(2-Chloroethoxy)methane	9.62	93	288300	20.800	ng/ul 97
27) 2,4-Dichlorophenol	9.83	162	257433	21.951	ng/ul 96
28) Naphthalene	10.22	128	804810	20.571	ng/ul 98
30) 4-Chloroaniline	10.35	127	303059	21.937	ng/ul 98
31) Hexachlorobutadiene	10.51	225	189169	19.806	ng/ul 95
32) Caprolactam	11.13	113	60143m	20.076	ng/ul
33) 4-Chloro-3-methylphenol	11.48	107	239092	21.471	ng/ul 94
34) 2-Methylnaphthalene	11.84	142	586093	21.855	ng/ul 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.06	142	527453	20.064	ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.22	216	334875	21.582	ng/uL	95
38) Hexachlorocyclopentadiene	12.20	237	184359	17.340	ng/uL	98
39) 2,4,6-Trichlorophenol	12.47	196	207121	22.808	ng/uL	98
40) 2,4,5-Trichlorophenol	12.55	196	222093	22.522	ng/uL	99
41) 1,1'-Biphenyl	12.89	154	761060	21.391	ng/uL	99
42) 2-Chloronaphthalene	12.92	162	599114	20.811	ng/uL	99
43) 2-Nitroaniline	13.14	65	133461	23.577	ng/uL	95
45) Dimethylphthalate	13.53	163	719825	20.316	ng/uL	99
46) 2,6-Dinitrotoluene	13.65	165	169754	24.470	ng/uL	92
48) Acenaphthylene	13.77	152	953721	22.166	ng/uL	99
49) 3-Nitroaniline	13.98	138	144983	22.844	ng/uL	96
50) Acenaphthene	14.13	153	609617	20.240	ng/uL	99
51) 2,4-Dinitrophenol	14.20	184	78990	19.063	ng/uL	94
53) 4-Nitrophenol	14.31	109	118253	21.214	ng/uL	90
54) Dibenzofuran	14.46	168	889613	20.367	ng/uL	99
55) 2,4-Dinitrotoluene	14.45	165	215122	21.561	ng/uL	100
56) 2,3,4,6-Tetrachlorophenol	14.70	232	198285	24.084	ng/uL	100
57) Diethylphthalate	14.92	149	730051	20.713	ng/uL	99
59) Fluorene	15.12	166	752452	21.373	ng/uL	99
60) 4-Chlorophenyl-phenylether	15.13	204	394534	21.478	ng/uL	96
61) 4-Nitroaniline	15.16	138	159775	24.580	ng/uL	90
64) 4,6-Dinitro-2-methylphenol	15.22	198	127300	16.440	ng/uL	97
65) N-Nitrosodiphenylamine	15.35	169	610928	18.957	ng/uL	100
66) 4-Bromophenyl-phenylether	16.02	248	214881	17.533	ng/uL	92
67) Hexachlorobenzene	16.13	284	242767	17.797	ng/uL	94
68) Atrazine	16.32	200	225799	17.991	ng/uL	97
69) Pentachlorophenol	16.47	266	164207	21.001	ng/uL#	79
70) Phenanthrene	16.86	178	1292027	20.218	ng/uL	96
72) Anthracene	16.95	178	1301213	20.104	ng/uL	100
73) 1,2,3,4-Tetrachlorobenzene	12.85	216	325605	19.031	ng/uL	94
74) Pentachlorobenzene	14.39	250	307079	18.730	ng/uL	92
75) Carbazole	17.23	167	1129935	20.759	ng/uL	99
76) Di-n-butylphthalate	17.82	149	1284312	20.755	ng/uL	99
77) Fluoranthene	18.89	202	1430484	18.294	ng/uL	99
80) Pvrene	19.26	202	1477545	19.952	ng/uL	99
81) Butylbenzylphthalate	20.19	149	566072	22.659	ng/uL	96
82) 3,3'-Dichlorobenzidine	20.97	252	446277	21.266	ng/uL	99
83) Benzo(a)anthracene	21.03	228	1451161	20.728	ng/uL	96
84) Bis(2-ethylhexyl)phthalate	20.99	149	841905	22.348	ng/uL	98
85) Chrysene	21.07	228	1357492	19.521	ng/uL	94
87) Di-n-octyl phthalate	21.84	149	1411774	19.983	ng/uL	100
88) Benzo(b)fluoranthene	22.53	252	1510556	19.998	ng/uL	98
89) Benzo(k)fluoranthene	22.57	252	1452833	19.366	ng/uL	97
91) Benzo(a)pyrene	23.06	252	1343852	19.309	ng/uL	98
92) Indeno(1,2,3-cd)pyrene	25.20	276	1921160	21.537	ng/uL	97
93) Dibenzo(a,h)anthracene	25.21	278	1605318	21.495	ng/uL	94
94) Benzo(a,h,i)perylene	25.82	276	1555604	21.035	ng/uL	96

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

