

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041521\
 Data File : BN014296.D
 Acq On : 15 Apr 2021 22:48
 Operator : CG/JU
 Sample : PB135757BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS757

Manual Integrations
 APPROVED

mohammad
 4/16/2021 11:30:59 AM

Quant Time: Apr 16 02:33:49 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN041521.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 15 15:18:04 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	148993	20.00	ng/ul	0.00
20) Naphthalene-d8	10.48	136	606302	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.33	164	362349	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.08	188	732080	20.00	ng/ul	0.00
79) Chrysene-d12	21.27	240	791131	20.00	ng/ul	0.00
88) Perylene-d12	23.50	264	787285	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	22532	5.76	ng/uL	0.00
4) Pyridine-d5	3.62	84	300017	28.93	ng/ul	0.00
7) Phenol-d5	6.86	99	398381	31.98	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.03	67	233790	31.35	ng/ul	0.00
11) 2-Chlorophenol-d4	7.23	132	327075	33.38	ng/ul	0.00
15) 4-Methylphenol-d8	8.40	113	308284	32.65	ng/ul	0.00
21) Nitrobenzene-d5	8.85	128	146036	33.33	ng/ul	0.00
24) 2-Nitrophenol-d4	9.56	143	148180	34.54	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.10	165	308028	33.33	ng/ul	0.00
31) 4-Chloroaniline-d4	10.61	131	382566	27.90	ng/ul	0.00
46) Dimethylphthalate-d6	13.75	166	896307	34.14	ng/ul	0.00
49) Acenaphthylene-d8	14.02	160	1160098	36.74	ng/ul	0.00
54) 4-Nitrophenol-d4	14.53	143	168576	33.11	ng/ul	0.00
60) Fluorene-d10	15.33	176	769668	33.17	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.45	200	131879	33.66	ng/ul	0.00
73) Anthracene-d10	17.18	188	1216709	35.61	ng/ul	0.00
81) Pyrene-d10	19.47	212	1376311	35.84	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.36	264	1537919	36.82	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.26	88	45743	11.471	ng/uL# 95
5) Pyridine	3.64	79	311938	29.267	ng/ul 95
6) Benzaldehyde	6.85	77	207670	33.022	ng/ul 99
8) Phenol	6.89	94	415462	31.030	ng/ul 98
10) Bis(2-Chloroethyl)ether	7.13	93	319523	30.343	ng/ul 100
12) 2-Chlorophenol	7.26	128	332871	31.778	ng/ul 97
13) 2-Methylphenol	8.13	108	299882	30.887	ng/ul 99
14) 2,2'-oxybis(1-Chloropropan	8.23	45	355610	30.550	ng/ul 99
16) Acetophenone	8.51	105	495430	31.218	ng/ul 98
17) N-Nitroso-di-n-propylamine	8.50	70	241374	32.712	ng/ul 98
18) 4-Methylphenol	8.46	108	327379	31.135	ng/ul 97
19) Hexachloroethane	8.77	117	137628	31.257	ng/ul 98
22) Nitrobenzene	8.89	77	366091	31.587	ng/ul 100
23) Isophorone	9.41	82	636932	32.677	ng/ul 99
25) 2-Nitrophenol	9.59	139	168499	33.237	ng/ul 97
26) 2,4-Dimethylphenol	9.66	107	356908	31.624	ng/ul 97
27) Bis(2-Chloroethoxy)methane	9.89	93	417300	31.425	ng/ul 100
29) 2,4-Dichlorophenol	10.12	162	306898	32.356	ng/ul 98
30) Naphthalene	10.53	128	1036370	30.841	ng/ul 99
32) 4-Chloroaniline	10.63	127	378070	26.797	ng/ul 97
33) Hexachlorobutadiene	10.82	225	193253	31.206	ng/ul 93
34) Caprolactam	11.39	113	86818m	32.839	ng/ul

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.76	107	313926	33.484	ng/ul	98
36) 2-Methylnaphthalene	12.14	142	723244	31.588	ng/ul	98
37) 1-Methylnaphthalene	12.36	142	701646	30.773	ng/ul	95
39) 1,2,4,5-Tetrachlorobenzene	12.52	216	370412	30.202	ng/ul	99
40) Hexachlorocyclopentadiene	12.50	237	203035	26.659	ng/ul	100
41) 2,4,6-Trichlorophenol	12.76	196	228518	32.238	ng/ul	96
42) 2,4,5-Trichlorophenol	12.82	196	253327	32.204	ng/ul	95
43) 1,1'-Biphenyl	13.16	154	915591	30.723	ng/ul	98
44) 2-Chloronaphthalene	13.20	162	707091	30.353	ng/ul	98
45) 2-Nitroaniline	13.40	65	186259	34.488	ng/ul	99
47) Dimethylphthalate	13.79	163	882203	32.373	ng/ul	99
48) 2,6-Dinitrotoluene	13.91	165	170453	35.666	ng/ul	98
50) Acenaphthylene	14.05	152	1071402	31.887	ng/ul	99
51) 3-Nitroaniline	14.23	138	169244	28.741	ng/ul	94
52) Acenaphthene	14.40	153	763608	31.157	ng/ul	97
53) 2,4-Dinitrophenol	14.44	184	79028	28.329	ng/ul	96
55) 4-Nitrophenol	14.55	109	141731	32.489	ng/ul	97
56) Dibenzofuran	14.73	168	1073612	31.477	ng/ul	99
57) 2,4-Dinitrotoluene	14.70	165	252357	36.553	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.96	232	212341	34.310	ng/ul	99
59) Diethylphthalate	15.17	149	890728	31.954	ng/ul	99
61) Fluorene	15.39	166	896234	32.415	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.38	204	447958	32.901	ng/ul	96
63) 4-Nitroaniline	15.40	138	191820	33.465	ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.46	198	131321	31.653	ng/ul#	98
67) N-Nitrosodiphenylamine	15.59	169	765066	33.587	ng/ul	98
68) 4-Bromophenyl-phenylether	16.27	248	263295	33.996	ng/ul	99
69) Hexachlorobenzene	16.39	284	300162	32.468	ng/ul	97
70) Atrazine	16.55	200	261646	32.322	ng/ul	96
71) Pentachlorophenol	16.73	266	166618	30.998	ng/ul	89
72) Phenanthrene	17.12	178	1416929	33.150	ng/ul	99
74) Anthracene	17.22	178	1425463	32.833	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.13	216	363983	30.192	ng/ul	98
76) Pentachlorobenzene	14.66	250	359036	29.965	ng/ul	98
77) Carbazole	17.48	167	1273446	32.425	ng/ul	99
78) Di-n-butylphthalate	18.06	149	1478280	34.787	ng/ul	99
80) Fluoranthene	19.14	202	1633952	33.670	ng/ul	98
82) Pyrene	19.50	202	1727236	33.426	ng/ul	100
83) Butylbenzylphthalate	20.42	149	634216	37.381	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.19	252	487456	34.451	ng/ul	92
85) Benzo(a)anthracene	21.26	228	1757446	34.380	ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.20	149	1033240	37.365	ng/ul	99
87) Chrysene	21.31	228	1686125	34.030	ng/ul	97
89) Di-n-octyl phthalate	22.07	149	1730871	35.213	ng/ul	100
90) Benzo(b)fluoranthene	22.83	252	1793688	34.055	ng/ul	96
91) Benzo(k)fluoranthene	22.88	252	1755575	33.483	ng/ul	99
93) Benzo(a)pyrene	23.41	252	1604273	34.427	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.76	276	2130863	34.501	ng/ul	98
95) Dibenzo(a,h)anthracene	25.77	278	1800257	35.308	ng/ul	98
96) Benzo(g,h,i)perylene	26.44	276	1735633	34.773	ng/ul	98

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

