

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052521\
 Data File : BN014754.D
 Acq On : 26 May 2021 03:09
 Operator : CG/JU
 Sample : PB136631BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS631

Manual Integrations
 APPROVED

mohammad
 5/26/2021 4:27:57 PM

Quant Time: May 26 04:07:58 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN052521.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 25 10:33:04 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	237770	20.00	ng/ul	0.00
20) Naphthalene-d8	10.499	136	945533	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.363	164	745406	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.116	188	1778757	20.00	ng/ul	0.00
79) Chrysene-d12	21.316	240	2091574	20.00	ng/ul	0.00
88) Perylene-d12	23.574	264	2563104	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	36983	6.33	ng/uL	0.00
4) Pyridine-d5	3.628	84	467718	31.81	ng/ul	0.00
7) Phenol-d5	6.887	99	848413	36.44	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	421572	36.41	ng/ul	0.00
11) 2-Chlorophenol-d4	7.246	132	526982	36.55	ng/ul	0.00
15) 4-Methylphenol-d8	8.422	113	658682	36.39	ng/ul	0.00
21) Nitrobenzene-d5	8.863	128	291682	40.95	ng/ul	0.00
24) 2-Nitrophenol-d4	9.581	143	304367	39.76	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.122	165	661602	37.90	ng/ul	0.00
31) 4-Chloroaniline-d4	10.634	131	751431	36.51	ng/ul	0.00
46) Dimethylphthalate-d6	13.775	166	2275163	38.42	ng/ul	0.00
49) Acenaphthylene-d8	14.051	160	2500447	36.51	ng/ul	0.00
54) 4-Nitrophenol-d4	14.581	143	368414	39.16	ng/ul	0.00
60) Fluorene-d10	15.363	176	1883717	36.92	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	423959	43.58	ng/ul	0.00
73) Anthracene-d10	17.216	188	3067867	36.92	ng/ul	0.00
81) Pyrene-d10	19.516	212	3860958	39.15	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.433	264	5188332	38.00	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.264	88	89901m	13.11	ng/uL	
5) Pyridine	3.646	79	448903	29.13	ng/ul	99
6) Benzaldehyde	6.858	77	472496	37.69	ng/ul	95
8) Phenol	6.916	94	782784	32.68	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.140	93	593429	32.09	ng/ul	98
12) 2-Chlorophenol	7.281	128	501854	33.25	ng/ul	97
13) 2-Methylphenol	8.158	108	581428	33.05	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.240	45	363792	31.19	ng/ul#	93
16) Acetophenone	8.528	105	1004906	33.54	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.516	70	484572	33.57	ng/ul#	94
18) 4-Methylphenol	8.481	108	635635	33.13	ng/ul	98
19) Hexachloroethane	8.781	117	226095	29.92	ng/ul#	86
22) Nitrobenzene	8.905	77	758821	34.14	ng/ul#	95
23) Isophorone	9.428	82	1453357	34.43	ng/ul	99
25) 2-Nitrophenol	9.616	139	290738	35.74	ng/ul	96
26) 2,4-Dimethylphenol	9.681	107	755780	30.18	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.916	93	858562	33.48	ng/ul#	98
29) 2,4-Dichlorophenol	10.152	162	571107	34.11	ng/ul	97
30) Naphthalene	10.546	128	1674919	32.59	ng/ul	99
32) 4-Chloroaniline	10.657	127	682598	31.17	ng/ul	96
33) Hexachlorobutadiene	10.834	225	481073	32.14	ng/ul	96
34) Caprolactam	11.416	113	212049m	39.20	ng/ul	
35) 4-Chloro-3-methylphenol	11.793	107	883892	36.43	ng/ul	95
36) 2-Methylnaphthalene	12.169	142	1240505	32.38	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.387	142	1240745	32.94	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	12.540	216	863758	30.65	ng/ul	94
40) Hexachlorocyclopentadiene	12.522	237	476000	25.49	ng/ul	97
41) 2,4,6-Trichlorophenol	12.787	196	555633	35.11	ng/ul	93
42) 2,4,5-Trichlorophenol	12.863	196	618204	35.79	ng/ul	97
43) 1,1'-Biphenyl	13.193	154	1750858	32.83	ng/ul	99
44) 2-Chloronaphthalene	13.228	162	1438115	33.66	ng/ul	98
45) 2-Nitroaniline	13.440	65	504305	38.75	ng/ul	97
47) Dimethylphthalate	13.822	163	1991096	33.99	ng/ul	98
48) 2,6-Dinitrotoluene	13.940	165	420152	38.60	ng/ul	98
50) Acenaphthylene	14.081	152	2045023	32.48	ng/ul	98
51) 3-Nitroaniline	14.269	138	378354	35.82	ng/ul	87
52) Acenaphthene	14.428	153	1508758	33.07	ng/ul	97
53) 2,4-Dinitrophenol	14.475	184	210320	26.61	ng/ul	99
55) 4-Nitrophenol	14.593	109	436476	24.20	ng/ul	92
56) Dibenzofuran	14.763	168	2247728	33.12	ng/ul	90
57) 2,4-Dinitrotoluene	14.728	165	658738	37.98	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	14.992	232	625586	35.21	ng/ul#	97
59) Diethylphthalate	15.198	149	1984333	35.24	ng/ul	97
61) Fluorene	15.416	166	1643977	32.20	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.416	204	954611	31.60	ng/ul	93
63) 4-Nitroaniline	15.440	138	404666	37.72	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.498	198	375179	39.42	ng/ul#	92
67) N-Nitrosodiphenylamine	15.628	169	1664647	34.75	ng/ul	99
68) 4-Bromophenyl-phenylether	16.310	248	808309	34.90	ng/ul	91
69) Hexachlorobenzene	16.422	284	1008318	34.80	ng/ul	97
70) Atrazine	16.587	200	700353	35.35	ng/ul	95
71) Pentachlorophenol	16.769	266	566683	33.97	ng/ul	88
72) Phenanthrene	17.157	178	3185855	34.28	ng/ul	99
74) Anthracene	17.251	178	3185177	34.00	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.151	216	927576	31.56	ng/uL	93
76) Pentachlorobenzene	14.687	250	1021209	33.59	ng/uL	95
77) Carbazole	17.522	167	2893718	36.65	ng/ul	99
78) Di-n-butylphthalate	18.092	149	3453526	37.13	ng/ul	99
80) Fluoranthene	19.180	202	4312368	37.08	ng/ul	98
82) Pyrene	19.545	202	4283421	35.82	ng/ul#	98
83) Butylbenzylphthalate	20.451	149	1616244	40.22	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.233	252	1468643	37.24	ng/ul	99
85) Benzo(a)anthracene	21.298	228	4562230	34.99	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.239	149	2118881	36.58	ng/ul	99
87) Chrysene	21.351	228	4437438	33.80	ng/ul	97
89) Di-n-octyl phthalate	22.122	149	4610868	40.66	ng/ul	100
90) Benzo(b)fluoranthene	22.898	252	5652569	36.75	ng/ul	96
91) Benzo(k)fluoranthene	22.945	252	5270924	34.39	ng/ul	100
93) Benzo(a)pyrene	23.480	252	4911523	35.28	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	25.868	276	6670547m	34.97	ng/ul	
95) Dibenzo(a,h)anthracene	25.886	278	5420960	34.34	ng/ul	98
96) Benzo(g,h,i)perylene	26.562	276	5948100m	35.24	ng/ul	

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

