

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052521\
 Data File : BN014741.D
 Acq On : 25 May 2021 18:51
 Operator : CG/JU
 Sample : PB136630BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS630

Manual Integrations
 APPROVED

mohammad
 5/26/2021 3:02:33 PM

Quant Time: May 26 01:05:04 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	169362	20.00	ng/ul	0.00
20) Naphthalene-d8	10.499	136	671800	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.363	164	540943	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.116	188	1327841	20.00	ng/ul	0.00
79) Chrysene-d12	21.316	240	1671217	20.00	ng/ul	0.00
88) Perylene-d12	23.574	264	1994576	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	26080	6.27	ng/uL	0.00
4) Pyridine-d5	3.628	84	327739	31.29	ng/ul	0.00
7) Phenol-d5	6.893	99	614718	37.07	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.052	67	301039	36.51	ng/ul	0.00
11) 2-Chlorophenol-d4	7.252	132	398297	38.78	ng/ul	0.00
15) 4-Methylphenol-d8	8.422	113	470661	36.50	ng/ul	0.00
21) Nitrobenzene-d5	8.863	128	205279	40.56	ng/ul	0.00
24) 2-Nitrophenol-d4	9.587	143	215724	39.66	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	473022	38.14	ng/ul	0.00
31) 4-Chloroaniline-d4	10.634	131	553975	37.89	ng/ul	0.00
46) Dimethylphthalate-d6	13.775	166	1651207	38.42	ng/ul	0.00
49) Acenaphthylene-d8	14.051	160	1863608	37.50	ng/ul	0.00
54) 4-Nitrophenol-d4	14.581	143	269614	39.49	ng/ul	0.00
60) Fluorene-d10	15.363	176	1420375	38.36	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	302995	41.72	ng/ul	0.00
73) Anthracene-d10	17.216	188	2326169	37.50	ng/ul	0.00
81) Pyrene-d10	19.516	212	2963334	37.61	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.439	264	4236323	39.87	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.264	88	57528	11.78	ng/uL#	88
5) Pyridine	3.646	79	323708	29.49	ng/ul	96
6) Benzaldehyde	6.858	77	341314	38.22	ng/ul	94
8) Phenol	6.917	94	550275	32.25	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.140	93	415458	31.55	ng/ul	95
12) 2-Chlorophenol	7.281	128	358892	33.39	ng/ul	95
13) 2-Methylphenol	8.158	108	412895	32.95	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.240	45	263279	31.69	ng/ul#	93
16) Acetophenone	8.528	105	728727	34.14	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.516	70	348019	33.85	ng/ul#	96
18) 4-Methylphenol	8.487	108	465890	34.09	ng/ul	96
19) Hexachloroethane	8.787	117	165155	30.69	ng/ul	89
22) Nitrobenzene	8.905	77	545127	34.52	ng/ul#	95
23) Isophorone	9.428	82	1026731	34.24	ng/ul	99
25) 2-Nitrophenol	9.616	139	210254	36.37	ng/ul	87
26) 2,4-Dimethylphenol	9.681	107	548906	30.85	ng/ul	93
27) Bis(2-Chloroethoxy)met...	9.916	93	608841	33.41	ng/ul	98
29) 2,4-Dichlorophenol	10.152	162	402298	33.82	ng/ul	90
30) Naphthalene	10.552	128	1223513	33.51	ng/ul	98
32) 4-Chloroaniline	10.657	127	506371	32.54	ng/ul	99
33) Hexachlorobutadiene	10.840	225	335371	31.53	ng/ul	97
34) Caprolactam	11.416	113	138231m	35.97	ng/ul	
35) 4-Chloro-3-methylphenol	11.793	107	643976	37.36	ng/ul	97
36) 2-Methylnaphthalene	12.169	142	911835	33.50	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.387	142	910353	34.02	ng/ul#	92
39) 1,2,4,5-Tetrachloroben...	12.546	216	648835	31.72	ng/ul	94
40) Hexachlorocyclopentadiene	12.522	237	343547	25.35	ng/ul	97
41) 2,4,6-Trichlorophenol	12.787	196	387822	33.77	ng/ul	90
42) 2,4,5-Trichlorophenol	12.863	196	429642	34.28	ng/ul	93
43) 1,1'-Biphenyl	13.193	154	1276168	32.98	ng/ul	95
44) 2-Chloronaphthalene	13.228	162	1042675	33.63	ng/ul	95
45) 2-Nitroaniline	13.434	65	348951	36.95	ng/ul	99
47) Dimethylphthalate	13.822	163	1466507	34.50	ng/ul	99
48) 2,6-Dinitrotoluene	13.940	165	300841	38.09	ng/ul	96
50) Acenaphthylene	14.081	152	1506484	32.97	ng/ul	98
51) 3-Nitroaniline	14.269	138	268812	35.07	ng/ul	91
52) Acenaphthene	14.428	153	1097366	33.15	ng/ul	92
53) 2,4-Dinitrophenol	14.475	184	147028	25.64	ng/ul	89
55) 4-Nitrophenol	14.593	109	321610	24.57	ng/ul	93
56) Dibenzofuran	14.763	168	1669571	33.90	ng/ul	90
57) 2,4-Dinitrotoluene	14.728	165	476568	37.86	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	14.993	232	458672	35.57	ng/ul	97
59) Diethylphthalate	15.198	149	1484872	36.34	ng/ul	97
61) Fluorene	15.416	166	1270802	34.30	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.416	204	736554	33.60	ng/ul	93
63) 4-Nitroaniline	15.440	138	290269	37.28	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.498	198	262252	36.91	ng/ul#	93
67) N-Nitrosodiphenylamine	15.628	169	1211962	33.89	ng/ul	95
68) 4-Bromophenyl-phenylether	16.310	248	599452	34.67	ng/ul	98
69) Hexachlorobenzene	16.422	284	754112	34.86	ng/ul	97
70) Atrazine	16.587	200	540124	36.52	ng/ul	97
71) Pentachlorophenol	16.769	266	387967	31.15	ng/ul	92
72) Phenanthrene	17.157	178	2426125	34.97	ng/ul	99
74) Anthracene	17.251	178	2410274	34.47	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.157	216	659331	30.05	ng/uL	93
76) Pentachlorobenzene	14.687	250	738946	32.56	ng/uL	98
77) Carbazole	17.522	167	2146855	36.43	ng/ul	98
78) Di-n-butylphthalate	18.092	149	2536206	36.52	ng/ul	98
80) Fluoranthene	19.181	202	3227769	34.74	ng/ul	99
82) Pyrene	19.545	202	3427229	35.87	ng/ul	98
83) Butylbenzylphthalate	20.457	149	1223069	38.09	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.233	252	1207799	38.33	ng/ul	97
85) Benzo(a)anthracene	21.298	228	3670276	35.23	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.239	149	1629064	35.20	ng/ul#	96
87) Chrysene	21.351	228	3684687	35.12	ng/ul	98
89) Di-n-octyl phthalate	22.127	149	3486072	39.50	ng/ul	100
90) Benzo(b)fluoranthene	22.898	252	4430013	37.01	ng/ul	99
91) Benzo(k)fluoranthene	22.945	252	4315613	36.19	ng/ul	99
93) Benzo(a)pyrene	23.480	252	4016893	37.08	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	25.874	276	5578906	37.59	ng/ul	100
95) Dibenzo(a,h)anthracene	25.886	278	4641879	37.79	ng/ul	98
96) Benzo(g,h,i)perylene	26.574	276	4922164	37.47	ng/ul	97

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

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