

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052521\
 Data File : BN014727.D
 Acq On : 25 May 2021 09:40
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020059

Manual Integrations
 APPROVED

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

Quant Time: May 25 10:33:52 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	7.710	152	265389	20.00	ng/ul	0.00
20) Naphthalene-d8	10.499	136	1064997	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.363	164	826302	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.116	188	1960026	20.00	ng/ul	0.00
79) Chrysene-d12	21.316	240	2427518	20.00	ng/ul	0.00
88) Perylene-d12	23.580	264	2926306	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	49508	7.60	ng/uL	0.00
4) Pyridine-d5	3.634	84	266190	16.22	ng/ul	0.00
7) Phenol-d5	6.887	99	481802	18.54	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.052	67	237669	18.39	ng/ul	0.00
11) 2-Chlorophenol-d4	7.252	132	310623	19.30	ng/ul	0.00
15) 4-Methylphenol-d8	8.422	113	372957	18.46	ng/ul	0.00
21) Nitrobenzene-d5	8.863	128	153887	19.18	ng/ul	0.00
24) 2-Nitrophenol-d4	9.587	143	161259	18.70	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.122	165	380141	19.33	ng/ul	0.00
31) 4-Chloroaniline-d4	10.634	131	440777	19.02	ng/ul	0.00
46) Dimethylphthalate-d6	13.775	166	1240195	18.89	ng/ul	0.00
49) Acenaphthylene-d8	14.051	160	1462549	19.27	ng/ul	0.00
54) 4-Nitrophenol-d4	14.575	143	193427	18.55	ng/ul	0.00
60) Fluorene-d10	15.363	176	1046970	18.51	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	210784	19.66	ng/ul	0.00
73) Anthracene-d10	17.216	188	1767819	19.31	ng/ul	0.00
81) Pyrene-d10	19.516	212	2230334	19.49	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.433	264	3096586	19.87	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.264	88	60166	7.86	ng/uL#	96
5) Pyridine	3.652	79	294567	17.13	ng/ul	97
6) Benzaldehyde	6.858	77	319562	22.84	ng/ul	97
8) Phenol	6.916	94	500077	18.70	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.140	93	397618	19.27	ng/ul	96
12) 2-Chlorophenol	7.281	128	317991	18.88	ng/ul	97
13) 2-Methylphenol	8.158	108	362601	18.47	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.246	45	239649	18.41	ng/ul	96
16) Acetophenone	8.528	105	660317	19.74	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.516	70	315852	19.61	ng/ul	93
18) 4-Methylphenol	8.481	108	402035	18.77	ng/ul	99
19) Hexachloroethane	8.787	117	160256	19.00	ng/ul	93
22) Nitrobenzene	8.910	77	475145	18.98	ng/ul	95
23) Isophorone	9.428	82	911620	19.17	ng/ul	100
25) 2-Nitrophenol	9.616	139	177752	19.40	ng/ul	95
26) 2,4-Dimethylphenol	9.681	107	521948	18.50	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.916	93	547000	18.94	ng/ul	97
29) 2,4-Dichlorophenol	10.157	162	346171	18.36	ng/ul	95
30) Naphthalene	10.546	128	1101095	19.02	ng/ul	99
32) 4-Chloroaniline	10.657	127	464505	18.83	ng/ul	100
33) Hexachlorobutadiene	10.840	225	319419	18.94	ng/ul	92
34) Caprolactam	11.457	113	102629m	16.85	ng/ul	
35) 4-Chloro-3-methylphenol	11.799	107	514652	18.83	ng/ul	98
36) 2-Methylnaphthalene	12.169	142	830351	19.24	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.387	142	816336	19.24	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.540	216	598449	19.15	ng/ul#	94
40) Hexachlorocyclopentadiene	12.522	237	390026	18.84	ng/ul#	93
41) 2,4,6-Trichlorophenol	12.787	196	328638	18.73	ng/ul	93
42) 2,4,5-Trichlorophenol	12.863	196	356448	18.62	ng/ul	99
43) 1,1'-Biphenyl	13.193	154	1114721	18.86	ng/ul	97
44) 2-Chloronaphthalene	13.228	162	885778	18.70	ng/ul	99
45) 2-Nitroaniline	13.440	65	285851	19.81	ng/ul	94
47) Dimethylphthalate	13.822	163	1222052	18.82	ng/ul	99
48) 2,6-Dinitrotoluene	13.940	165	239103	19.82	ng/ul	95
50) Acenaphthylene	14.081	152	1356374	19.43	ng/ul	96
51) 3-Nitroaniline	14.269	138	225757	19.28	ng/ul	94
52) Acenaphthene	14.428	153	944879	18.68	ng/ul	96
53) 2,4-Dinitrophenol	14.475	184	165438	18.88	ng/ul	97
55) 4-Nitrophenol	14.592	109	395270	19.77	ng/ul	96
56) Dibenzofuran	14.763	168	1412977	18.78	ng/ul	95
57) 2,4-Dinitrotoluene	14.728	165	374560	19.48	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	14.992	232	372661	18.92	ng/ul#	95
59) Diethylphthalate	15.198	149	1195822	19.16	ng/ul	97
61) Fluorene	15.416	166	1090923	19.27	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.416	204	637255	19.03	ng/ul	97
63) 4-Nitroaniline	15.439	138	230866	19.41	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.492	198	213937	20.40	ng/ul	96
67) N-Nitrosodiphenylamine	15.628	169	1035358	19.61	ng/ul	97
68) 4-Bromophenyl-phenylether	16.310	248	481449	18.86	ng/ul	88
69) Hexachlorobenzene	16.422	284	600972	18.82	ng/ul	97
70) Atrazine	16.586	200	446844	20.47	ng/ul	96
71) Pentachlorophenol	16.775	266	379469	20.64	ng/ul	98
72) Phenanthrene	17.157	178	1956058	19.10	ng/ul	98
74) Anthracene	17.251	178	2029570	19.66	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.151	216	639211	19.74	ng/ul#	93
76) Pentachlorobenzene	14.687	250	638813	19.07	ng/ul	94
77) Carbazole	17.522	167	1769122	20.34	ng/ul	99
78) Di-n-butylphthalate	18.092	149	2051132	20.01	ng/ul	97
80) Fluoranthene	19.180	202	2656779	19.68	ng/ul	99
82) Pyrene	19.545	202	2723398	19.62	ng/ul#	97
83) Butylbenzylphthalate	20.457	149	936110	20.07	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.233	252	1054741	23.05	ng/ul	95
85) Benzo(a)anthracene	21.298	228	2969871	19.63	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.239	149	1336428	19.88	ng/ul	95
87) Chrysene	21.351	228	2918360	19.15	ng/ul	99
89) Di-n-octyl phthalate	22.127	149	2730973	21.09	ng/ul	100
90) Benzo(b)fluoranthene	22.898	252	3487866	19.86	ng/ul	96
91) Benzo(k)fluoranthene	22.945	252	3366006	19.24	ng/ul	97
93) Benzo(a)pyrene	23.480	252	3077693	19.36	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.874	276	4367047	20.05	ng/ul	95
95) Dibenzo(a,h)anthracene	25.886	278	3517650	19.52	ng/ul	98
96) Benzo(g,h,i)perylene	26.562	276	3763295	19.53	ng/ul	95

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

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