

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061021\
 Data File : BN014860.D
 Acq On : 10 Jun 2021 10:29
 Operator : CG/JU
 Sample : SSTDCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020050

Manual Integrations
 APPROVED

mohammad
 6/11/2021 2:12:57 PM

Quant Time: Jun 10 11:58:24 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN052521.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 10 11:55:23 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	168636	20.00	ng/ul	0.00
20) Naphthalene-d8	10.475	136	662176	20.00	ng/ul	# 0.00
38) Acenaphthene-d10	14.345	164	469755	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	1104828	20.00	ng/ul	# 0.00
79) Chrysene-d12	21.298	240	1217709	20.00	ng/ul	0.00
88) Perylene-d12	23.557	264	1429801m	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	31488	7.60	ng/uL	0.00
4) Pyridine-d5	3.617	84	166211	15.94	ng/ul	0.00
7) Phenol-d5	6.863	99	282986	17.14	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	130782	15.93	ng/ul	0.00
11) 2-Chlorophenol-d4	7.228	132	208432	20.38	ng/ul	0.00
15) 4-Methylphenol-d8	8.399	113	231043	18.00	ng/ul	0.00
21) Nitrobenzene-d5	8.846	128	99654	19.98	ng/ul	0.00
24) 2-Nitrophenol-d4	9.563	143	100564	18.76	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.104	165	240979	19.71	ng/ul	0.00
31) 4-Chloroaniline-d4	10.610	131	275243	19.10	ng/ul	0.00
46) Dimethylphthalate-d6	13.757	166	746807	20.01	ng/ul	0.00
49) Acenaphthylene-d8	14.034	160	887650	20.57	ng/ul	0.00
54) 4-Nitrophenol-d4	14.551	143	102056	17.21	ng/ul	0.00
60) Fluorene-d10	15.345	176	619193	19.26	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	107562	17.80	ng/ul	0.00
73) Anthracene-d10	17.198	188	1022318m	19.81	ng/ul	0.00
81) Pyrene-d10	19.498	212	1271204	22.14	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.410	264	1550016	20.35	ng/ul	0.00
Target Compounds						
2) 1,4-Dioxane	3.246	88	32910	6.77	ng/uL	96
5) Pyridine	3.634	79	160134	14.65	ng/ul	98
6) Benzaldehyde	6.840	77	188061	21.15	ng/ul#	84
8) Phenol	6.893	94	279620	16.46	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.122	93	218418	16.66	ng/ul	96
12) 2-Chlorophenol	7.258	128	217097	20.28	ng/ul	93
13) 2-Methylphenol	8.134	108	218298	17.50	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.216	45	136356	16.48	ng/ul	95
16) Acetophenone	8.510	105	376328	17.71	ng/ul#	80
17) N-Nitroso-di-n-propyla...	8.499	70	171011	16.71	ng/ul#	93
18) 4-Methylphenol	8.463	108	236668	17.39	ng/ul	98
19) Hexachloroethane	8.769	117	109542	20.44	ng/ul	91
22) Nitrobenzene	8.887	77	267564	17.19	ng/ul#	92
23) Isophorone	9.404	82	493088	16.68	ng/ul	95
25) 2-Nitrophenol	9.599	139	111995	19.66	ng/ul#	82
26) 2,4-Dimethylphenol	9.657	107	330670	18.85	ng/ul	92
27) Bis(2-Chloroethoxy)met...	9.899	93	292530	16.29	ng/ul	96
29) 2,4-Dichlorophenol	10.128	162	222702	19.00	ng/ul	95
30) Naphthalene	10.528	128	711609	19.77	ng/ul	98
32) 4-Chloroaniline	10.640	127	290405	18.93	ng/ul	95
33) Hexachlorobutadiene	10.816	225	213639	20.38	ng/ul	93
34) Caprolactam	11.387	113	64538m	17.04	ng/ul	
35) 4-Chloro-3-methylphenol	11.769	107	293756	17.29	ng/ul#	90
36) 2-Methylnaphthalene	12.151	142	523141	19.50	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.369	142	507687	19.25	ng/ul	92
39) 1,2,4,5-Tetrachloroben...	12.522	216	355729	20.03	ng/ul	94
40) Hexachlorocyclopentadiene	12.504	237	239323	20.34	ng/ul	96
41) 2,4,6-Trichlorophenol	12.763	196	197464	19.80	ng/ul	98
42) 2,4,5-Trichlorophenol	12.840	196	212724	19.54	ng/ul	95
43) 1,1'-Biphenyl	13.169	154	698557	20.79	ng/ul#	97
44) 2-Chloronaphthalene	13.210	162	557194	20.69	ng/ul	97
45) 2-Nitroaniline	13.416	65	141268	17.23	ng/ul	87
47) Dimethylphthalate	13.804	163	738049	19.99	ng/ul	99
48) 2,6-Dinitrotoluene	13.922	165	145110	21.15	ng/ul#	84
50) Acenaphthylene	14.063	152	858810	21.64	ng/ul	98
51) 3-Nitroaniline	14.251	138	120814	18.15	ng/ul	82
52) Acenaphthene	14.410	153	586122	20.39	ng/ul	93
53) 2,4-Dinitrophenol	14.457	184	84701	17.01	ng/ul	96
55) 4-Nitrophenol	14.569	109	145837	12.83	ng/ul	95
56) Dibenzofuran	14.745	168	846281	19.79	ng/ul	91
57) 2,4-Dinitrotoluene	14.710	165	216364	19.79	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	14.975	232	208966	18.66	ng/ul	96
59) Diethylphthalate	15.181	149	707602	19.94	ng/ul	98
61) Fluorene	15.398	166	645448	20.06	ng/ul	88
62) 4-Chlorophenyl-phenyle...	15.398	204	380278	19.98	ng/ul	89
63) 4-Nitroaniline	15.416	138	132532	19.60	ng/ul#	89
66) 4,6-Dinitro-2-methylph...	15.475	198	110290	18.66	ng/ul#	93
67) N-Nitrosodiphenylamine	15.610	169	610773	20.52	ng/ul	95
68) 4-Bromophenyl-phenylether	16.292	248	276000	19.18	ng/ul#	82
69) Hexachlorobenzene	16.404	284	349953	19.44	ng/ul	97
70) Atrazine	16.563	200	260046	21.13	ng/ul	98
71) Pentachlorophenol	16.751	266	178055	17.18	ng/ul	92
72) Phenanthrene	17.139	178	1160905	20.11	ng/ul	97
74) Anthracene	17.233	178	1165663m	20.04	ng/ul	
75) 1,2,3,4-Tetrachloroben...	13.134	216	378336	20.72	ng/uL	95
76) Pentachlorobenzene	14.669	250	385902	20.44	ng/uL	96
77) Carbazole	17.504	167	987390	20.14	ng/ul#	93
78) Di-n-butylphthalate	18.075	149	1223006	21.17	ng/ul	98
80) Fluoranthene	19.163	202	1468842	21.69	ng/ul	97
82) Pyrene	19.527	202	1500658	21.55	ng/ul	99
83) Butylbenzylphthalate	20.439	149	535551	22.89	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.221	252	541322	23.58	ng/ul	96
85) Benzo(a)anthracene	21.286	228	1573216	20.73	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.227	149	808624	23.98	ng/ul	99
87) Chrysene	21.339	228	1565889m	20.49	ng/ul	
89) Di-n-octyl phthalate	22.110	149	1443986	22.83	ng/ul	100
90) Benzo(b)fluoranthene	22.880	252	1764223	20.56	ng/ul	97
91) Benzo(k)fluoranthene	22.921	252	1758113m	20.56	ng/ul	
93) Benzo(a)pyrene	23.457	252	1557891	20.06	ng/ul	93
94) Indeno(1,2,3-cd)pyrene	25.827	276	2042012	19.19	ng/ul	95
95) Dibenzo(a,h)anthracene	25.845	278	1682951	19.11	ng/ul	96
96) Benzo(g,h,i)perylene	26.527	276	1733623	18.41	ng/ul	95

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

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