

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052521\
 Data File : BN014737.D
 Acq On : 25 May 2021 16:27
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020060

Manual Integrations
 APPROVED

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

Quant Time: May 25 16:56:39 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	7.716	152	224810	20.00	ng/ul	0.00
20) Naphthalene-d8	10.499	136	862865	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.363	164	658174	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.116	188	1587769	20.00	ng/ul	0.00
79) Chrysene-d12	21.322	240	2009599	20.00	ng/ul	0.00
88) Perylene-d12	23.580	264	2422242	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	43569	7.89	ng/uL	0.00
4) Pyridine-d5	3.628	84	264893	19.05	ng/ul	0.00
7) Phenol-d5	6.887	99	396451	18.01	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.052	67	207277	18.94	ng/ul	0.00
11) 2-Chlorophenol-d4	7.246	132	257207	18.87	ng/ul	0.00
15) 4-Methylphenol-d8	8.422	113	299858	17.52	ng/ul	0.00
21) Nitrobenzene-d5	8.869	128	124972	19.23	ng/ul	0.00
24) 2-Nitrophenol-d4	9.581	143	133402	19.09	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	301698	18.94	ng/ul	0.00
31) 4-Chloroaniline-d4	10.634	131	355345	18.92	ng/ul	0.00
46) Dimethylphthalate-d6	13.775	166	1032830	19.75	ng/ul	0.00
49) Acenaphthylene-d8	14.051	160	1176770	19.46	ng/ul	0.00
54) 4-Nitrophenol-d4	14.575	143	145447	17.51	ng/ul	0.00
60) Fluorene-d10	15.363	176	880411	19.54	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	180797	20.82	ng/ul	0.00
73) Anthracene-d10	17.216	188	1485241	20.02	ng/ul	0.00
81) Pyrene-d10	19.516	212	1879819	19.84	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.439	264	2593423	20.10	ng/ul	0.00
Target Compounds	Qvalue					
2) 1,4-Dioxane	3.264	88	50147	7.74	ng/uL	92
5) Pyridine	3.652	79	234830	16.12	ng/ul	99
6) Benzaldehyde	6.858	77	267289	22.55	ng/ul	99
8) Phenol	6.916	94	414216	18.29	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.140	93	317998	18.19	ng/ul	96
12) 2-Chlorophenol	7.281	128	262727	18.41	ng/ul	96
13) 2-Methylphenol	8.158	108	307145	18.46	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.246	45	200106	18.14	ng/ul#	94
16) Acetophenone	8.528	105	539307	19.04	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.516	70	262724	19.25	ng/ul#	93
18) 4-Methylphenol	8.487	108	338238	18.64	ng/ul	89
19) Hexachloroethane	8.787	117	131605	18.42	ng/ul	89
22) Nitrobenzene	8.905	77	393865	19.42	ng/ul#	98
23) Isophorone	9.428	82	729227	18.93	ng/ul	99
25) 2-Nitrophenol	9.616	139	154233	20.77	ng/ul	94
26) 2,4-Dimethylphenol	9.681	107	439608	19.23	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.916	93	452127	19.32	ng/ul	96
29) 2,4-Dichlorophenol	10.152	162	291384	19.07	ng/ul	88
30) Naphthalene	10.552	128	892116	19.02	ng/ul	98
32) 4-Chloroaniline	10.657	127	387435	19.38	ng/ul	96
33) Hexachlorobutadiene	10.840	225	260240	19.05	ng/ul	93
34) Caprolactam	11.416	113	87299m	17.69	ng/ul	
35) 4-Chloro-3-methylphenol	11.793	107	430441	19.44	ng/ul	95
36) 2-Methylnaphthalene	12.169	142	677355	19.38	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.393	142	669002	19.46	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.540	216	479610	19.27	ng/ul	95
40) Hexachlorocyclopentadiene	12.528	237	315196	19.12	ng/ul#	96
41) 2,4,6-Trichlorophenol	12.787	196	266537	19.07	ng/ul	98
42) 2,4,5-Trichlorophenol	12.863	196	306908	20.12	ng/ul	90
43) 1,1'-Biphenyl	13.193	154	920857	19.56	ng/ul	97
44) 2-Chloronaphthalene	13.234	162	749532	19.87	ng/ul	94
45) 2-Nitroaniline	13.434	65	227344	19.78	ng/ul	99
47) Dimethylphthalate	13.822	163	994818	19.23	ng/ul	99
48) 2,6-Dinitrotoluene	13.940	165	194443	20.23	ng/ul	96
50) Acenaphthylene	14.081	152	1114673	20.05	ng/ul	97
51) 3-Nitroaniline	14.269	138	180558	19.36	ng/ul	99
52) Acenaphthene	14.428	153	790687	19.63	ng/ul	100
53) 2,4-Dinitrophenol	14.475	184	138266m	19.81	ng/ul	
55) 4-Nitrophenol	14.592	109	228909	14.37	ng/ul	93
56) Dibenzofuran	14.763	168	1192562	19.90	ng/ul	95
57) 2,4-Dinitrotoluene	14.728	165	307295	20.06	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	14.992	232	307244	19.58	ng/ul#	98
59) Diethylphthalate	15.198	149	983348	19.78	ng/ul	98
61) Fluorene	15.416	166	925482	20.53	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.416	204	525474	19.70	ng/ul	95
63) 4-Nitroaniline	15.434	138	197155	20.81	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.492	198	166350	19.58	ng/ul#	82
67) N-Nitrosodiphenylamine	15.628	169	871732	20.38	ng/ul	97
68) 4-Bromophenyl-phenylether	16.310	248	400027	19.35	ng/ul	88
69) Hexachlorobenzene	16.422	284	503515	19.47	ng/ul	96
70) Atrazine	16.586	200	354195	20.03	ng/ul	97
71) Pentachlorophenol	16.769	266	256118	17.20	ng/ul#	88
72) Phenanthrene	17.157	178	1668163	20.11	ng/ul	99
74) Anthracene	17.251	178	1676057	20.05	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.157	216	505550	19.27	ng/uL	97
76) Pentachlorobenzene	14.687	250	535608	19.74	ng/uL	99
77) Carbazole	17.522	167	1508955	21.41	ng/ul	98
78) Di-n-butylphthalate	18.092	149	1642880	19.79	ng/ul	98
80) Fluoranthene	19.180	202	2148407	19.23	ng/ul	98
82) Pyrene	19.545	202	2280422	19.85	ng/ul	98
83) Butylbenzylphthalate	20.457	149	769113	19.92	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.239	252	865022	22.83	ng/ul	100
85) Benzo(a)anthracene	21.298	228	2442058	19.49	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.245	149	1121393	20.15	ng/ul#	97
87) Chrysene	21.351	228	2398779	19.02	ng/ul	98
89) Di-n-octyl phthalate	22.127	149	2168823	20.24	ng/ul	100
90) Benzo(b)fluoranthene	22.898	252	3073300	21.14	ng/ul	99
91) Benzo(k)fluoranthene	22.945	252	2788302	19.25	ng/ul	98
93) Benzo(a)pyrene	23.480	252	2579890	19.61	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	25.874	276	3591467	19.92	ng/ul	98
95) Dibenzo(a,h)anthracene	25.886	278	2997615	20.10	ng/ul	98
96) Benzo(g,h,i)perylene	26.574	276	3055172	19.15	ng/ul#	92

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

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