

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052521\
 Data File : BN014763.D
 Acq On : 26 May 2021 08:27
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020062

Manual Integrations
 APPROVED

mohammad
 5/26/2021 4:28:27 PM

Quant Time: May 26 09:19:17 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	205354	20.00	ng/ul	0.00
20) Naphthalene-d8	10.499	136	869098	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.363	164	755702	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.116	188	1868327	20.00	ng/ul	0.00
79) Chrysene-d12	21.316	240	2474049	20.00	ng/ul	0.00
88) Perylene-d12	23.580	264	2928505	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	34237	6.79	ng/uL	0.00
4) Pyridine-d5	3.628	84	235183	18.52	ng/ul	0.00
7) Phenol-d5	6.887	99	389705	19.38	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	189857	18.99	ng/ul	0.00
11) 2-Chlorophenol-d4	7.246	132	250403	20.11	ng/ul	0.00
15) 4-Methylphenol-d8	8.416	113	311809	19.94	ng/ul	0.00
21) Nitrobenzene-d5	8.863	128	127840	19.53	ng/ul	0.00
24) 2-Nitrophenol-d4	9.581	143	137120	19.49	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.122	165	309462	19.29	ng/ul	0.00
31) 4-Chloroaniline-d4	10.634	131	385827	20.40	ng/ul	0.00
46) Dimethylphthalate-d6	13.769	166	1184283	19.73	ng/ul	0.00
49) Acenaphthylene-d8	14.051	160	1302556	18.76	ng/ul	0.00
54) 4-Nitrophenol-d4	14.575	143	186454	19.55	ng/ul	0.00
60) Fluorene-d10	15.357	176	988244	19.10	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	205646	20.12	ng/ul	0.00
73) Anthracene-d10	17.216	188	1739535	19.93	ng/ul	0.00
81) Pyrene-d10	19.516	212	2272645	19.48	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.433	264	3132457	20.08	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.264	88	40084	6.77	ng/uL	94
5) Pyridine	3.646	79	233608	17.55	ng/ul	96
6) Benzaldehyde	6.858	77	244759	22.60	ng/ul	97
8) Phenol	6.911	94	415093	20.06	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.140	93	304358	19.06	ng/ul#	93
12) 2-Chlorophenol	7.281	128	254819	19.55	ng/ul	93
13) 2-Methylphenol	8.152	108	301754	19.86	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.246	45	189662m	18.83	ng/ul	
16) Acetophenone	8.528	105	535656	20.70	ng/ul	90
17) N-Nitroso-di-n-propyla...	8.510	70	269561	21.62	ng/ul#	92
18) 4-Methylphenol	8.475	108	336844	20.33	ng/ul	94
19) Hexachloroethane	8.787	117	122223	18.73	ng/ul	94
22) Nitrobenzene	8.905	77	384939	18.84	ng/ul	92
23) Isophorone	9.422	82	786237	20.26	ng/ul	98
25) 2-Nitrophenol	9.610	139	145435	19.45	ng/ul	94
26) 2,4-Dimethylphenol	9.675	107	450495	19.57	ng/ul	91
27) Bis(2-Chloroethoxy)met...	9.910	93	449869	19.08	ng/ul	97
29) 2,4-Dichlorophenol	10.152	162	304209	19.77	ng/ul	95
30) Naphthalene	10.546	128	909572	19.26	ng/ul	99
32) 4-Chloroaniline	10.657	127	421294	20.93	ng/ul	94
33) Hexachlorobutadiene	10.834	225	257544	18.72	ng/ul	98
34) Caprolactam	11.457	113	105092m	21.14	ng/ul	
35) 4-Chloro-3-methylphenol	11.793	107	472696	21.20	ng/ul	94
36) 2-Methylnaphthalene	12.169	142	718283	20.40	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.387	142	699687	20.21	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.540	216	506174	17.72	ng/ul	95
40) Hexachlorocyclopentadiene	12.522	237	307026	16.22	ng/ul#	98
41) 2,4,6-Trichlorophenol	12.787	196	304806	19.00	ng/ul	95
42) 2,4,5-Trichlorophenol	12.857	196	348560	19.91	ng/ul	94
43) 1,1'-Biphenyl	13.187	154	1008096	18.65	ng/ul	98
44) 2-Chloronaphthalene	13.228	162	789148	18.22	ng/ul	99
45) 2-Nitroaniline	13.434	65	266855	20.23	ng/ul	94
47) Dimethylphthalate	13.822	163	1155148	19.45	ng/ul	97
48) 2,6-Dinitrotoluene	13.934	165	217271	19.69	ng/ul	98
50) Acenaphthylene	14.081	152	1226759	19.22	ng/ul	95
51) 3-Nitroaniline	14.263	138	216683	20.24	ng/ul	86
52) Acenaphthene	14.428	153	880588	19.04	ng/ul	98
53) 2,4-Dinitrophenol	14.469	184	160426	20.02	ng/ul	89
55) 4-Nitrophenol	14.592	109	397557	21.74	ng/ul	96
56) Dibenzofuran	14.763	168	1340901	19.49	ng/ul	98
57) 2,4-Dinitrotoluene	14.728	165	365744	20.80	ng/ul#	100
58) 2,3,4,6-Tetrachlorophenol	14.992	232	356382	19.79	ng/ul#	95
59) Diethylphthalate	15.192	149	1116873	19.56	ng/ul	96
61) Fluorene	15.416	166	1033671	19.97	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.410	204	591043	19.30	ng/ul	93
63) 4-Nitroaniline	15.434	138	236993	21.79	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.492	198	200580	20.06	ng/ul#	88
67) N-Nitrosodiphenylamine	15.628	169	992588	19.72	ng/ul	97
68) 4-Bromophenyl-phenylether	16.310	248	461871	18.98	ng/ul	94
69) Hexachlorobenzene	16.422	284	598945	19.68	ng/ul	94
70) Atrazine	16.581	200	404614	19.44	ng/ul	95
71) Pentachlorophenol	16.769	266	413727	23.61	ng/ul	97
72) Phenanthrene	17.157	178	1947372	19.95	ng/ul	98
74) Anthracene	17.245	178	1953122	19.85	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.151	216	553036	17.91	ng/uL	95
76) Pentachlorobenzene	14.687	250	617082	19.33	ng/uL	94
77) Carbazole	17.516	167	1721117	20.76	ng/ul	99
78) Di-n-butylphthalate	18.092	149	1959331	20.05	ng/ul	98
80) Fluoranthene	19.180	202	2609396	18.97	ng/ul	99
82) Pyrene	19.545	202	2690692	19.02	ng/ul	99
83) Butylbenzylphthalate	20.457	149	943969	19.86	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.233	252	997642	21.39	ng/ul	97
85) Benzo(a)anthracene	21.298	228	2954993	19.16	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.239	149	1340929	19.57	ng/ul	98
87) Chrysene	21.351	228	2957636	19.04	ng/ul	97
89) Di-n-octyl phthalate	22.127	149	2708355	20.90	ng/ul	100
90) Benzo(b)fluoranthene	22.898	252	3619774	20.60	ng/ul	97
91) Benzo(k)fluoranthene	22.945	252	3428715	19.58	ng/ul	100
93) Benzo(a)pyrene	23.480	252	3108699	19.55	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.868	276	4419884	20.28	ng/ul	97
95) Dibenzo(a,h)anthracene	25.880	278	3690663	20.46	ng/ul	99
96) Benzo(g,h,i)perylene	26.562	276	3872642	20.08	ng/ul#	92

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

