

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100220\
 Data File : BN012037.D
 Acq On : 02 Oct 2020 13:56
 Operator : CG/JU
 Sample : SST08056
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST08056

Manual Integrations
 APPROVED

mohammad

10/5/2020 10:29:42 AM

Quant Time: Oct 02 14:20:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 02 13:24:58 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	308052	20.00	ng/ul	0.00
18) Naphthalene-d8	10.440	136	1177551	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.298	164	684725	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.045	188	1421973	20.00	ng/ul	0.00
78) Chrysene-d12	21.251	240	1354272	20.00	ng/ul	0.00
86) Perylene-d12	23.462	264	1373004	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	243850	37.99	ng/uL	0.00
5) Phenol-d5	6.840	99	2167010	99.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	7.005	67	1314677	118.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.199	132	1778738	91.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.369	113	1669456	94.38	ng/ul	0.00
19) Nitrobenzene-d5	8.816	128	827886	90.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.528	143	953175	92.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.063	165	1670532	86.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.575	131	1993119	85.94	ng/ul	0.00
44) Dimethylphthalate-d6	13.716	166	4636945	86.97	ng/ul	0.00
47) Acenaphthylene-d8	13.992	160	5732266	89.34	ng/ul	0.00
52) 4-Nitrophenol-d4	14.510	143	868029	96.10	ng/ul	0.01
58) Fluorene-d10	15.298	176	3941736	84.45	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.422	200	807805	85.66	ng/ul	0.00
71) Anthracene-d10	17.145	188	5778124	85.06	ng/ul	0.00
79) Pyrene-d10	19.451	212	6208935	89.25	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.321	264	6741391	88.41	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	284990	34.45	ng/uL	95
4) Benzaldehyde	6.810	77	1278958	90.01	ng/ul	99
6) Phenol	6.869	94	2251844	101.39	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.099	93	1785781	101.44	ng/ul	93
10) 2-Chlorophenol	7.234	128	1833030	90.98	ng/ul	100
11) 2-Methylphenol	8.104	108	1673540	95.70	ng/ul	99
12) 2,2'-oxybis(1-Chloropr...	8.193	45	2354212m	246.04	ng/ul	
14) Acetophenone	8.481	105	2679999	93.71	ng/ul	99
15) N-Nitroso-di-n-propyla...	8.481	70	1340396	108.18	ng/ul	97
16) 4-Methylphenol	8.440	108	1759942	95.04	ng/ul	95
17) Hexachloroethane	8.728	117	820047	88.03	ng/ul	89
20) Nitrobenzene	8.857	77	2183084	97.87	ng/ul	97
21) Isophorone	9.387	82	3694895	94.13	ng/ul	97
23) 2-Nitrophenol	9.563	139	986800	86.21	ng/ul	97
24) 2,4-Dimethylphenol	9.628	107	2023426	93.51	ng/ul	97
25) Bis(2-Chloroethoxy)met...	9.863	93	2311354	99.28	ng/ul	99
27) 2,4-Dichlorophenol	10.093	162	1675832	85.07	ng/ul	99
28) Naphthalene	10.487	128	5580554	84.92	ng/ul	99
30) 4-Chloroaniline	10.598	127	1997383	86.08	ng/ul	100
31) Hexachlorobutadiene	10.775	225	1105134	68.89	ng/ul	97
32) Caprolactam	11.387	113	468063m	93.02	ng/ul	
33) 4-Chloro-3-methylphenol	11.734	107	1847889	98.79	ng/ul	97
34) 2-Methylnaphthalene	12.104	142	3917471	86.97	ng/ul	96
35) 1-Methylnaphthalene	12.328	142	3834893	86.85	ng/uL	98
37) 1,2,4,5-Tetrachloroben...	12.481	216	1896813	79.14	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
38) Hexachlorocyclopentadiene	12.463	237	1383293	84.23	ng/ul	99
39) 2,4,6-Trichlorophenol	12.722	196	1283815	91.53	ng/ul	93
40) 2,4,5-Trichlorophenol	12.792	196	1328738	87.24	ng/ul	97
41) 1,1'-Biphenyl	13.134	154	4945841	90.00	ng/ul	98
42) 2-Chloronaphthalene	13.169	162	3854166	86.68	ng/ul	98
43) 2-Nitroaniline	13.381	65	1217422	139.24	ng/ul	94
45) Dimethylphthalate	13.769	163	4680965	85.53	ng/ul	100
46) 2,6-Dinitrotoluene	13.887	165	1017283	94.94	ng/ul	90
48) Acenaphthylene	14.022	152	5854585	88.09	ng/ul	98
49) 3-Nitroaniline	14.210	138	889304	90.72	ng/ul#	98
50) Acenaphthene	14.369	153	4169214	89.62	ng/ul	99
51) 2,4-Dinitrophenol	14.416	184	602411	94.12	ng/ul	94
53) 4-Nitrophenol	14.528	109	792388	92.03	ng/ul	95
54) Dibenzofuran	14.704	168	5471503	81.10	ng/ul	99
55) 2,4-Dinitrotoluene	14.675	165	1441375	93.53	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	14.934	232	1113456	87.56	ng/ul	94
57) Diethylphthalate	15.139	149	4873808	89.52	ng/ul	97
59) Fluorene	15.357	166	4651219	85.53	ng/ul	98
60) 4-Chlorophenyl-phenyle...	15.351	204	2273696	80.14	ng/ul	99
61) 4-Nitroaniline	15.381	138	960955	95.71	ng/ul	94
64) 4,6-Dinitro-2-methylph...	15.439	198	864704	84.61	ng/ul#	94
65) N-Nitrosodiphenylamine	15.569	169	3844037	90.37	ng/ul	93
66) 4-Bromophenyl-phenylether	16.245	248	1384442	85.59	ng/ul	99
67) Hexachlorobenzene	16.357	284	1585198	88.05	ng/ul	97
68) Atrazine	16.528	200	1399852	84.51	ng/ul	96
69) Pentachlorophenol	16.698	266	1014645	98.32	ng/ul	95
70) Phenanthrene	17.092	178	7161947	84.92	ng/ul	100
72) Anthracene	17.186	178	7342026	85.95	ng/ul	99
73) 1,2,3,4-Tetrachloroben...	13.092	216	1787407	79.16	ng/uL	95
74) Pentachlorobenzene	14.622	250	1785547	82.52	ng/uL	97
75) Carbazole	17.457	167	6249350	86.99	ng/ul	99
76) Di-n-butylphthalate	18.022	149	8283966	101.43	ng/ul	98
77) Fluoranthene	19.116	202	8149506	78.96	ng/ul	99
80) Pyrene	19.480	202	8199104	86.03	ng/ul	98
81) Butylbenzylphthalate	20.392	149	3821313	118.86	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.169	252	2883207	106.76	ng/ul	93
83) Benzo(a)anthracene	21.233	228	7721001	85.70	ng/ul	97
84) Bis(2-ethylhexyl)phtha...	21.174	149	5509437	113.64	ng/ul	98
85) Chrysene	21.286	228	7293559	81.50	ng/ul	94
87) Di-n-octyl phthalate	22.045	149	9522019	106.06	ng/ul	100
88) Benzo(b)fluoranthene	22.804	252	8319331	86.67	ng/ul	99
89) Benzo(k)fluoranthene	22.845	252	8320405	87.28	ng/ul	99
91) Benzo(a)pyrene	23.368	252	7369700	83.33	ng/ul	95
92) Indeno(1,2,3-cd)pyrene	25.686	276	9649243	85.12	ng/ul	94
93) Dibenzo(a,h)anthracene	25.692	278	7978101	84.07	ng/ul	99
94) Benzo(g,h,i)perylene	26.368	276	8113161	86.33	ng/ul	99

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

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