

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031522\
 Data File : BN018946.D
 Acq On : 15 Mar 2022 13:28
 Operator : CG/JU
 Sample : SSTD08007
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD080207

Quant Time: Mar 15 14:49:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN031522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 15 13:09:51 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/15/2022
 Supervised By :Yogesh Patel 03/18/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	215586	20.000	ng/u1	0.00
20) Naphthalene-d8	10.704	136	899689	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.534	164	566968	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.275	188	1167724	20.000	ng/u1	0.00
79) Chrysene-d12	21.451	240	882775	20.000	ng/u1	0.00
88) Perylene-d12	23.839	264	720015	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	165929	30.784	ng/uL	0.00
4) Pyridine-d5	3.681	84	1140226	69.132	ng/u1	0.00
7) Phenol-d5	7.058	99	1533395	72.854	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.222	67	920900	72.640	ng/u1	0.00
11) 2-Chlorophenol-d4	7.428	132	1187129	78.702	ng/u1	0.00
15) 4-Methylphenol-d8	8.611	113	1221823	71.391	ng/u1	0.01
21) Nitrobenzene-d5	9.058	128	601377	87.020	ng/u1	0.00
24) 2-Nitrophenol-d4	9.781	143	675203	88.926	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	1169068	80.493	ng/u1	0.00
31) 4-Chloroaniline-d4	10.834	131	1590743	72.736	ng/u1	0.00
46) Dimethylphthalate-d6	13.946	166	3331312	77.605	ng/u1	0.01
49) Acenaphthylene-d8	14.228	160	4055100	75.892	ng/u1	0.00
54) 4-Nitrophenol-d4	14.734	143	657023	75.578	ng/u1	0.02
60) Fluorene-d10	15.522	176	2645628	70.903	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	611981	84.565	ng/u1	0.01
73) Anthracene-d10	17.375	188	4144366	74.202	ng/u1	0.00
81) Pyrene-d10	19.663	212	4484147	93.864	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.692	264	3081644	82.122	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	168774	28.847	ng/uL	97
5) Pyridine	3.699	79	1177899	69.246	ng/u1	99
6) Benzaldehyde	7.022	77	718392	67.022	ng/u1	97
8) Phenol	7.081	94	1514515	68.775	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.316	93	1207048	71.058	ng/u1	99
12) 2-Chlorophenol	7.458	128	1178128	73.656	ng/u1	97
13) 2-Methylphenol	8.340	108	1162019	70.682	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.434	45	1715369	70.736	ng/u1	100
16) Acetophenone	8.722	105	1760807	66.389	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.722	70	923458	68.319	ng/u1	100
18) 4-Methylphenol	8.681	108	1237507	67.308	ng/u1	99
19) Hexachloroethane	8.981	117	489054	78.362	ng/u1	97
22) Nitrobenzene	9.099	77	1393708	77.708	ng/u1	99
23) Isophorone	9.634	82	2689805	78.475	ng/u1	99
25) 2-Nitrophenol	9.816	139	677214	80.253	ng/u1	97
26) 2,4-Dimethylphenol	9.875	107	1374760	75.009	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.110	93	1566113	72.381	ng/u1	98
29) 2,4-Dichlorophenol	10.352	162	1115266	75.471	ng/u1	98
30) Naphthalene	10.757	128	3576878	72.144	ng/u1	99
32) 4-Chloroaniline	10.857	127	1562312	68.848	ng/u1	99
33) Hexachlorobutadiene	11.046	225	737003	79.386	ng/u1	99
34) Caprolactam	11.640	113	391280m	72.811	ng/u1	
35) 4-Chloro-3-methylphenol	11.993	107	1289964	74.540	ng/u1	96
36) 2-Methylnaphthalene	12.363	142	2444669	70.133	ng/u1	99

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37) 1-Methylnaphthalene	12.587	142	2448915	68.032	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.734	216	1319400	76.114	ng/ul	99
40) Hexachlorocyclopentadiene	12.716	237	840093	82.489	ng/ul	97
41) 2,4,6-Trichlorophenol	12.969	196	911246	81.321	ng/ul	95
42) 2,4,5-Trichlorophenol	13.040	196	1012241	81.781	ng/ul	97
43) 1,1'-Biphenyl	13.369	154	3186076	71.497	ng/ul	96
44) 2-Chloronaphthalene	13.416	162	2507564	73.068	ng/ul	97
45) 2-Nitroaniline	13.610	65	885688	86.594	ng/ul	100
47) Dimethylphthalate	13.993	163	3156978	71.730	ng/ul	98
48) 2,6-Dinitrotoluene	14.110	165	712853	84.524	ng/ul	100
50) Acenaphthylene	14.257	152	3931648	70.359	ng/ul	100
51) 3-Nitroaniline	14.434	138	673538	82.446	ng/ul	94
52) Acenaphthene	14.598	153	2517909	68.834	ng/ul	96
53) 2,4-Dinitrophenol	14.640	184	468376	86.869	ng/ul	99
55) 4-Nitrophenol	14.751	109	550755	73.577	ng/ul	96
56) Dibenzofuran	14.934	168	3643979	68.962	ng/ul	99
57) 2,4-Dinitrotoluene	14.898	165	1013519	79.843	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.157	232	805040	79.075	ng/ul	99
59) Diethylphthalate	15.357	149	3269112	74.630	ng/ul	99
61) Fluorene	15.581	166	2701590	64.939	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.575	204	1397841	68.209	ng/ul	99
63) 4-Nitroaniline	15.604	138	635714	83.568	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.663	198	600758	81.472	ng/ul	98
67) N-Nitrosodiphenylamine	15.787	169	2543661	73.053	ng/ul	98
68) 4-Bromophenyl-phenylether	16.463	248	930643	77.317	ng/ul	97
69) Hexachlorobenzene	16.592	284	1065844	77.227	ng/ul	99
70) Atrazine	16.739	200	1023678	78.464	ng/ul	97
71) Pentachlorophenol	16.928	266	709772	82.538	ng/ul	100
72) Phenanthrene	17.316	178	4637758	69.715	ng/ul	100
74) Anthracene	17.410	178	4640639	69.955	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.340	216	1418084	78.534	ng/ul	96
76) Pentachlorobenzene	14.857	250	1242248	76.033	ng/ul	97
77) Carbazole	17.675	167	4189164	69.937	ng/ul	97
78) Di-n-butylphthalate	18.239	149	5315224	78.958	ng/ul	99
80) Fluoranthene	19.328	202	5190404	91.781	ng/ul	100
82) Pyrene	19.692	202	5163907	89.387	ng/ul	98
83) Butylbenzylphthalate	20.586	149	2364990	107.533	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.363	252	1373802	71.814	ng/ul	99
85) Benzo(a)anthracene	21.439	228	4458084	74.743	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.363	149	3087732	93.296	ng/ul	98
87) Chrysene	21.492	228	4249641	73.575	ng/ul	98
89) Di-n-octyl phthalate	22.280	149	5140395	113.920	ng/ul	100
90) Benzo(b)fluoranthene	23.116	252	3861837	79.286	ng/ul	96
91) Benzo(k)fluoranthene	23.163	252	3555551	78.662	ng/ul	97
93) Benzo(a)pyrene	23.739	252	3584243	76.020	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.327	276	3922381	75.102	ng/ul	96
95) Dibenzo(a,h)anthracene	26.345	278	3329372	71.904	ng/ul	97
96) Benzo(g,h,i)perylene	27.086	276	3357324	72.249	ng/ul	98

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

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