

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031522\
 Data File : BN018945.D
 Acq On : 15 Mar 2022 12:52
 Operator : CG/JU
 Sample : SST04006
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST040206

Manual Integrations
 APPROVED

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

Quant Time: Mar 15 13:31:09 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	218050	20.000	ng/u1	0.00
20) Naphthalene-d8	10.698	136	932254	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.534	164	590641	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.269	188	1208485	20.000	ng/u1	0.00
79) Chrysene-d12	21.451	240	973942	20.000	ng/u1	0.00
88) Perylene-d12	23.839	264	805246	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	83812	15.373	ng/uL	0.00
4) Pyridine-d5	3.681	84	565262	33.885	ng/u1	0.00
7) Phenol-d5	7.052	99	762085	35.799	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	479683	37.410	ng/u1	0.00
11) 2-Chlorophenol-d4	7.422	132	588793	38.594	ng/u1	0.00
15) 4-Methylphenol-d8	8.604	113	613645	35.450	ng/u1	0.00
21) Nitrobenzene-d5	9.051	128	301088	42.046	ng/u1	0.00
24) 2-Nitrophenol-d4	9.781	143	345353	43.895	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	600815	39.923	ng/u1	0.00
31) 4-Chloroaniline-d4	10.828	131	814293	35.933	ng/u1	0.00
46) Dimethylphthalate-d6	13.939	166	1780311	39.811	ng/u1	0.00
49) Acenaphthylene-d8	14.228	160	2196921	39.468	ng/u1	0.00
54) 4-Nitrophenol-d4	14.716	143	337290	37.244	ng/u1	0.00
60) Fluorene-d10	15.522	176	1453383	37.390	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.639	200	315318	42.102	ng/u1	0.00
73) Anthracene-d10	17.369	188	2236652	38.695	ng/u1	0.00
81) Pyrene-d10	19.663	212	2496417	47.365	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.692	264	1705587	40.641	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	85093	14.380	ng/uL	95
5) Pyridine	3.699	79	595301	34.601	ng/u1	100
6) Benzaldehyde	7.022	77	504322	46.519	ng/u1	98
8) Phenol	7.075	94	767207	34.446	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.310	93	616006	35.854	ng/u1	99
12) 2-Chlorophenol	7.457	128	595292	36.797	ng/u1	98
13) 2-Methylphenol	8.334	108	582472	35.030	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.428	45	916214	37.355	ng/u1	99
16) Acetophenone	8.716	105	928136	34.599	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.710	70	492980	36.059	ng/u1	99
18) 4-Methylphenol	8.669	108	635119	34.154	ng/u1	98
19) Hexachloroethane	8.981	117	247810	39.258	ng/u1	97
22) Nitrobenzene	9.093	77	726400	39.086	ng/u1	98
23) Isophorone	9.628	82	1407937	39.642	ng/u1	99
25) 2-Nitrophenol	9.810	139	349284	39.946	ng/u1	98
26) 2,4-Dimethylphenol	9.869	107	715691	37.685	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.104	93	838759	37.411	ng/u1	97
29) 2,4-Dichlorophenol	10.345	162	585331	38.226	ng/u1	98
30) Naphthalene	10.751	128	1894159	36.870	ng/u1	99
32) 4-Chloroaniline	10.857	127	807180	34.328	ng/u1	98
33) Hexachlorobutadiene	11.045	225	381185	39.625	ng/u1	98
34) Caprolactam	11.610	113	194079m	34.854	ng/u1	
35) 4-Chloro-3-methylphenol	11.981	107	673603	37.564	ng/u1	97
36) 2-Methylnaphthalene	12.363	142	1295895	35.878	ng/u1	94

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SSTD040206

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.581	142	1314748	35.248	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.734	216	716740	39.690	ng/ul	97
40) Hexachlorocyclopentadiene	12.716	237	428867	40.423	ng/ul	98
41) 2,4,6-Trichlorophenol	12.969	196	470978	40.346	ng/ul	99
42) 2,4,5-Trichlorophenol	13.039	196	519308	40.274	ng/ul	98
43) 1,1'-Biphenyl	13.369	154	1766292	38.048	ng/ul	98
44) 2-Chloronaphthalene	13.410	162	1368163	38.269	ng/ul	98
45) 2-Nitroaniline	13.604	65	453764	42.587	ng/ul	99
47) Dimethylphthalate	13.986	163	1736312	37.870	ng/ul	99
48) 2,6-Dinitrotoluene	14.104	165	366505	41.715	ng/ul	98
50) Acenaphthylene	14.251	152	2169123	37.262	ng/ul	99
51) 3-Nitroaniline	14.428	138	393517	46.239	ng/ul	96
52) Acenaphthene	14.598	153	1379559	36.202	ng/ul	97
53) 2,4-Dinitrophenol	14.634	184	219155	39.017	ng/ul	99
55) 4-Nitrophenol	14.733	109	282142	36.181	ng/ul	97
56) Dibenzofuran	14.928	168	1993608	36.216	ng/ul	97
57) 2,4-Dinitrotoluene	14.886	165	523370	39.578	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.157	232	416561	39.277	ng/ul	97
59) Diethylphthalate	15.351	149	1777290	38.947	ng/ul	99
61) Fluorene	15.575	166	1511419	34.874	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.569	204	776433	36.368	ng/ul	99
63) 4-Nitroaniline	15.592	138	376912	47.561	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.651	198	308989	40.490	ng/ul	95
67) N-Nitrosodiphenylamine	15.781	169	1400396	38.862	ng/ul	97
68) 4-Bromophenyl-phenylether	16.463	248	497492	39.937	ng/ul	96
69) Hexachlorobenzene	16.586	284	559003	39.137	ng/ul	97
70) Atrazine	16.728	200	551883	40.875	ng/ul	98
71) Pentachlorophenol	16.922	266	357461	40.166	ng/ul	98
72) Phenanthrene	17.316	178	2546425	36.987	ng/ul	99
74) Anthracene	17.404	178	2531171	36.869	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.339	216	744211	39.825	ng/ul	97
76) Pentachlorobenzene	14.857	250	682602	40.370	ng/ul	95
77) Carbazole	17.669	167	2336480	37.691	ng/ul	98
78) Di-n-butylphthalate	18.233	149	2951287	42.363	ng/ul	99
80) Fluoranthene	19.327	202	2941654	47.148	ng/ul	99
82) Pyrene	19.692	202	2860944	44.887	ng/ul	99
83) Butylbenzylphthalate	20.586	149	1289549	53.146	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.363	252	854839	40.503	ng/ul	99
85) Benzo(a)anthracene	21.439	228	2535173	38.525	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.363	149	1765392	48.348	ng/ul	97
87) Chrysene	21.486	228	2439196	38.278	ng/ul	98
89) Di-n-octyl phthalate	22.286	149	2963090	58.717	ng/ul	100
90) Benzo(b)fluoranthene	23.115	252	2214507	40.653	ng/ul	97
91) Benzo(k)fluoranthene	23.162	252	2036151	40.279	ng/ul	99
93) Benzo(a)pyrene	23.739	252	1987118	37.685	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.327	276	2116665	36.238	ng/ul	98
95) Dibenzo(a,h)anthracene	26.339	278	1837407	35.482	ng/ul	97
96) Benzo(g,h,i)perylene	27.080	276	1780539	34.261	ng/ul	97

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

