

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041023\
 Data File : BN024821.D
 Acq On : 10 Apr 2023 12:32
 Operator : CG/JU
 Sample : SSTD02091
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020213

Quant Time: Apr 11 02:40:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Apr 10 15:00:02 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/11/2023
 Supervised By :Jagrut Upadhyay 04/11/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	307513	20.000	ng/u1	0.00
20) Naphthalene-d8	10.757	136	1424428	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.592	164	884144	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.339	188	1866146	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	1684155	20.000	ng/u1	0.00
88) Perylene-d12	23.986	264	1938382	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	70245	8.749	ng/uL	0.00
4) Pyridine-d5	3.734	84	516825	21.362	ng/u1	0.00
7) Phenol-d5	7.105	99	631374	21.059	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	434611	21.673	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	477824	21.687	ng/u1	0.00
15) 4-Methylphenol-d8	8.657	113	502436	21.110	ng/u1	0.00
21) Nitrobenzene-d5	9.116	128	245385	21.276	ng/u1	0.00
24) 2-Nitrophenol-d4	9.840	143	263452	21.089	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	469300	21.018	ng/u1	0.00
31) 4-Chloroaniline-d4	10.898	131	707818	20.888	ng/u1	0.00
46) Dimethylphthalate-d6	13.998	166	1440292	21.014	ng/u1	0.00
49) Acenaphthylene-d8	14.287	160	1677994	21.364	ng/u1	0.00
54) 4-Nitrophenol-d4	14.787	143	286391	20.384	ng/u1	0.00
60) Fluorene-d10	15.581	176	1212085	20.945	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.698	200	245152	20.186	ng/u1	0.00
73) Anthracene-d10	17.433	188	1857672	21.195	ng/u1	0.00
81) Pyrene-d10	19.727	212	2109259	21.568	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.827	264	2137311	21.088	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.346	88	73294	8.406	ng/uL	100
5) Pyridine	3.758	79	535489	21.423	ng/u1	100
6) Benzaldehyde	7.081	77	379398	25.853	ng/u1	100
8) Phenol	7.128	94	666760	21.355	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.363	93	532593	21.727	ng/u1	100
12) 2-Chlorophenol	7.505	128	500531	21.751	ng/u1	100
13) 2-Methylphenol	8.393	108	486344	21.216	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.481	45	1053640	21.890	ng/u1	100
16) Acetophenone	8.775	105	827629	21.991	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.757	70	447608	22.050	ng/u1	100
18) 4-Methylphenol	8.722	108	551072	21.618	ng/u1	100
19) Hexachloroethane	9.028	117	200694	21.610	ng/u1	100
22) Nitrobenzene	9.157	77	651515	21.023	ng/u1	100
23) Isophorone	9.681	82	1208564	21.245	ng/u1	100
25) 2-Nitrophenol	9.869	139	284330	21.099	ng/u1	100
26) 2,4-Dimethylphenol	9.928	107	600787	21.175	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.169	93	741337	20.940	ng/u1	100
29) 2,4-Dichlorophenol	10.404	162	469321	20.943	ng/u1	100
30) Naphthalene	10.810	128	1677893	21.092	ng/u1	100
32) 4-Chloroaniline	10.922	127	724036	21.107	ng/u1	100
33) Hexachlorobutadiene	11.093	225	273549	20.943	ng/u1	100
34) Caprolactam	11.693	113	154919m	19.739	ng/u1	
35) 4-Chloro-3-methylphenol	12.045	107	564109	21.469	ng/u1	100
36) 2-Methylnaphthalene	12.416	142	1125095	21.399	ng/u1	100

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37) 1-Methylnaphthalene	12.634	142	1104998	21.054	ng/u1	100
39) 1,2,4,5-Tetrachloroben...	12.787	216	538593	20.884	ng/u1	100
40) Hexachlorocyclopentadiene	12.763	237	330523	21.017	ng/u1	100
41) 2,4,6-Trichlorophenol	13.022	196	372510	21.140	ng/u1	100
42) 2,4,5-Trichlorophenol	13.092	196	406967	21.105	ng/u1	100
43) 1,1'-Biphenyl	13.428	154	1486329	21.099	ng/u1	100
44) 2-Chloronaphthalene	13.469	162	1145365	20.940	ng/u1	100
45) 2-Nitroaniline	13.675	65	407291	21.324	ng/u1	100
47) Dimethylphthalate	14.045	163	1432171	20.767	ng/u1	100
48) 2,6-Dinitrotoluene	14.169	165	294741	21.896	ng/u1	100
50) Acenaphthylene	14.310	152	1828904	21.200	ng/u1	100
51) 3-Nitroaniline	14.498	138	306442	21.663	ng/u1	100
52) Acenaphthene	14.651	153	1258202	21.096	ng/u1	100
53) 2,4-Dinitrophenol	14.704	184	157026	18.143	ng/u1	100
55) 4-Nitrophenol	14.798	109	234398	20.498	ng/u1	100
56) Dibenzofuran	14.986	168	1727218	21.011	ng/u1	100
57) 2,4-Dinitrotoluene	14.951	165	418873	21.497	ng/u1	100
58) 2,3,4,6-Tetrachlorophenol	15.216	232	335018	21.099	ng/u1	100
59) Diethylphthalate	15.410	149	1452109	20.955	ng/u1	100
61) Fluorene	15.639	166	1400847	21.186	ng/u1	100
62) 4-Chlorophenyl-phenyle...	15.628	204	648597	21.074	ng/u1	100
63) 4-Nitroaniline	15.663	138	311108	22.668	ng/u1	100
66) 4,6-Dinitro-2-methylph...	15.716	198	241640	20.312	ng/u1	100
67) N-Nitrosodiphenylamine	15.845	169	1204967	21.283	ng/u1	100
68) 4-Bromophenyl-phenylether	16.528	248	397299	21.181	ng/u1	100
69) Hexachlorobenzene	16.639	284	457215	21.529	ng/u1	100
70) Atrazine	16.798	200	408262	21.192	ng/u1	100
71) Pentachlorophenol	16.986	266	266955	20.223	ng/u1	100
72) Phenanthrene	17.380	178	2230372	21.179	ng/u1	100
74) Anthracene	17.469	178	2262166	21.318	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.392	216	560490	21.116	ng/uL	100
76) Pentachlorobenzene	14.910	250	527836	20.785	ng/uL	100
77) Carbazole	17.745	167	2089057	21.803	ng/u1	100
78) Di-n-butylphthalate	18.304	149	2448131	21.526	ng/u1	100
80) Fluoranthene	19.398	202	2498278	21.315	ng/u1	100
82) Pyrene	19.757	202	2644171	21.432	ng/u1	100
83) Butylbenzylphthalate	20.657	149	1104171	21.557	ng/u1	100
84) 3,3'-Dichlorobenzidine	21.445	252	878329	22.730	ng/u1	100
85) Benzo(a)anthracene	21.510	228	2610061	21.578	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.433	149	1651862	21.603	ng/u1	100
87) Chrysene	21.568	228	2478722	21.515	ng/u1	100
89) Di-n-octyl phthalate	22.380	149	2843040	21.343	ng/u1	100
90) Benzo(b)fluoranthene	23.233	252	2652774	20.868	ng/u1	100
91) Benzo(k)fluoranthene	23.286	252	2725700	21.791	ng/u1	100
93) Benzo(a)pyrene	23.874	252	2390300	21.477	ng/u1	100
94) Indeno(1,2,3-cd)pyrene	26.545	276	2826494	21.343	ng/u1	100
95) Dibenzo(a,h)anthracene	26.562	278	2429511	22.172	ng/u1	100
96) Benzo(g,h,i)perylene	27.333	276	2345319	21.939	ng/u1	100

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

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