

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041423\
 Data File : BN024890.D
 Acq On : 14 Apr 2023 10:20
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020270

Quant Time: Apr 14 22:35:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 14 22:34:56 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/17/2023
 Supervised By :Jagrut Upadhyay 04/17/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	295209	20.000	ng/u1	0.00
20) Naphthalene-d8	10.751	136	1316179	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.587	164	808788	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.333	188	1769883	20.000	ng/u1	0.00
79) Chrysene-d12	21.527	240	1712410	20.000	ng/u1	0.00
88) Perylene-d12	23.992	264	1943350	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	67453	8.696	ng/uL	0.00
4) Pyridine-d5	3.734	84	500710	21.558	ng/u1	0.00
7) Phenol-d5	7.099	99	622344	21.623	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	425164	22.086	ng/u1	0.00
11) 2-Chlorophenol-d4	7.463	132	482766	22.825	ng/u1	0.00
15) 4-Methylphenol-d8	8.652	113	501456	21.947	ng/u1	0.00
21) Nitrobenzene-d5	9.110	128	245601	23.046	ng/u1	0.00
24) 2-Nitrophenol-d4	9.834	143	267627	23.185	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	470291	22.794	ng/u1	0.00
31) 4-Chloroaniline-d4	10.893	131	703921	22.482	ng/u1	0.00
46) Dimethylphthalate-d6	13.992	166	1453363	23.180	ng/u1	0.00
49) Acenaphthylene-d8	14.281	160	1670277	23.247	ng/u1	0.00
54) 4-Nitrophenol-d4	14.781	143	293524	22.838	ng/u1	0.00
60) Fluorene-d10	15.575	176	1219377	23.034	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.698	200	259970	22.570	ng/u1	0.00
73) Anthracene-d10	17.433	188	1915406	23.042	ng/u1	0.00
81) Pyrene-d10	19.727	212	2228103	22.407	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.821	264	2258492	22.227	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	74808	8.937	ng/uL	99
5) Pyridine	3.752	79	527980	22.003	ng/u1	97
6) Benzaldehyde	7.075	77	369008	26.241	ng/u1	97
8) Phenol	7.122	94	657169	21.925	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.358	93	522935	22.223	ng/u1	100
12) 2-Chlorophenol	7.499	128	498002	22.543	ng/u1	98
13) 2-Methylphenol	8.387	108	481105	21.862	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.475	45	1005403	21.759	ng/u1	99
16) Acetophenone	8.769	105	812866	22.499	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.752	70	435203	22.333	ng/u1	99
18) 4-Methylphenol	8.716	108	534561	21.844	ng/u1	98
19) Hexachloroethane	9.022	117	202350	22.696	ng/u1	98
22) Nitrobenzene	9.152	77	649061	22.666	ng/u1	99
23) Isophorone	9.675	82	1176048	22.373	ng/u1	99
25) 2-Nitrophenol	9.863	139	289197	23.226	ng/u1	100
26) 2,4-Dimethylphenol	9.922	107	594725	22.685	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.163	93	729177	22.290	ng/u1	99
29) 2,4-Dichlorophenol	10.399	162	470600	22.727	ng/u1	99
30) Naphthalene	10.804	128	1663282	22.628	ng/u1	99
32) 4-Chloroaniline	10.916	127	719371	22.696	ng/u1	99
33) Hexachlorobutadiene	11.087	225	273027	22.622	ng/u1	95
34) Caprolactam	11.687	113	159862m	22.026	ng/u1	
35) 4-Chloro-3-methylphenol	12.040	107	549968	22.652	ng/u1	98
36) 2-Methylnaphthalene	12.410	142	1102658	22.698	ng/u1	100

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.628	142	1093589	22.550	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.781	216	537608	22.788	ng/ul	99
40) Hexachlorocyclopentadiene	12.757	237	335151	23.297	ng/ul	96
41) 2,4,6-Trichlorophenol	13.016	196	369604	22.930	ng/ul	99
42) 2,4,5-Trichlorophenol	13.087	196	408520	23.159	ng/ul	99
43) 1,1'-Biphenyl	13.422	154	1453123	22.550	ng/ul	98
44) 2-Chloronaphthalene	13.463	162	1131111	22.606	ng/ul	99
45) 2-Nitroaniline	13.669	65	405379	23.201	ng/ul	99
47) Dimethylphthalate	14.040	163	1450360	22.991	ng/ul	100
48) 2,6-Dinitrotoluene	14.163	165	294216	23.894	ng/ul	98
50) Acenaphthylene	14.304	152	1828200	23.166	ng/ul	99
51) 3-Nitroaniline	14.492	138	299678	23.159	ng/ul	94
52) Acenaphthene	14.651	153	1249099	22.895	ng/ul	99
53) 2,4-Dinitrophenol	14.698	184	174736	22.070	ng/ul	95
55) 4-Nitrophenol	14.798	109	243436	23.272	ng/ul	96
56) Dibenzofuran	14.981	168	1718149	22.848	ng/ul	97
57) 2,4-Dinitrotoluene	14.951	165	435369	24.425	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.210	232	337058	23.205	ng/ul	99
59) Diethylphthalate	15.404	149	1474082	23.254	ng/ul	99
61) Fluorene	15.634	166	1402498	23.187	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.628	204	664772	23.612	ng/ul	96
63) 4-Nitroaniline	15.657	138	319466	25.052	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.710	198	263351	23.341	ng/ul	98
67) N-Nitrosodiphenylamine	15.839	169	1202706	22.399	ng/ul	99
68) 4-Bromophenyl-phenylether	16.522	248	404571	22.741	ng/ul	98
69) Hexachlorobenzene	16.639	284	472087	23.438	ng/ul	99
70) Atrazine	16.792	200	423568	23.183	ng/ul	98
71) Pentachlorophenol	16.981	266	284122	22.694	ng/ul	96
72) Phenanthrene	17.375	178	2244034	22.468	ng/ul	99
74) Anthracene	17.469	178	2270820	22.563	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.387	216	558054	22.168	ng/ul	99
76) Pentachlorobenzene	14.904	250	528371	21.938	ng/ul	99
77) Carbazole	17.739	167	2114263	23.266	ng/ul	99
78) Di-n-butylphthalate	18.298	149	2551336	23.654	ng/ul	99
80) Fluoranthene	19.392	202	2597437	21.795	ng/ul	99
82) Pyrene	19.757	202	2789935	22.241	ng/ul	97
83) Butylbenzylphthalate	20.651	149	1189974	22.849	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.445	252	929412	23.656	ng/ul	100
85) Benzo(a)anthracene	21.516	228	2782371	22.623	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.433	149	1742510	22.413	ng/ul	99
87) Chrysene	21.569	228	2625853	22.416	ng/ul	97
89) Di-n-octyl phthalate	22.380	149	3068204	22.974	ng/ul	100
90) Benzo(b)fluoranthene	23.239	252	2870728	22.525	ng/ul	95
91) Benzo(k)fluoranthene	23.286	252	2777068	22.145	ng/ul	98
93) Benzo(a)pyrene	23.874	252	2552667	22.877	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.539	276	2959819	21.893	ng/ul	99
95) Dibenzo(a,h)anthracene	26.562	278	2459797	22.038	ng/ul	97
96) Benzo(g,h,i)perylene	27.327	276	2381132	21.705	ng/ul	98

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

