

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
 Data File : BN032114.D
 Acq On : 21 Jun 2024 03:12
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020298

Quant Time: Jun 21 04:02:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 20 10:49:40 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/21/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	352041	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	1650458	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.281	164	1121018	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.033	188	2337708	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.263	240	1717228	20.000	ng/u1	0.00
88) Perylene-d12	24.174	264	1573558	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	50755	5.965	ng/uL	0.00
4) Pyridine-d5	3.564	84	368959	15.403	ng/u1	0.00
7) Phenol-d5	6.816	99	523754	17.354	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	286145	16.209	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	438977	19.063	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	458548	18.639	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	237014	18.782	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	260517	19.985	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	472074	19.398	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	668613	18.504	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	1432350	18.341	ng/u1	0.00
49) Acenaphthylene-d8	13.975	160	1673096	18.631	ng/u1	0.00
54) 4-Nitrophenol-d4	14.504	143	272216	17.409	ng/u1	0.00
60) Fluorene-d10	15.275	176	1251609	18.941	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	223881	19.053	ng/u1	0.00
73) Anthracene-d10	17.128	188	1908369	19.068	ng/u1	0.00
81) Pyrene-d10	19.427	212	2065710	22.480	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.974	264	1399048	18.620	ng/u1	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.193	88	52294	5.744	ng/uL	97
5) Pyridine	3.587	79	356657	14.891	ng/u1	98
6) Benzaldehyde	6.793	77	272847m	19.275	ng/u1	
8) Phenol	6.840	94	536474	17.467	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.069	93	433683	17.076	ng/u1	96
12) 2-Chlorophenol	7.205	128	457619	18.990	ng/u1	97
13) 2-Methylphenol	8.081	108	433626	18.279	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.157	45	488566	16.711	ng/u1	99
16) Acetophenone	8.457	105	700145	18.779	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.446	70	323633	16.751	ng/u1#	94
18) 4-Methylphenol	8.410	108	475000	18.471	ng/u1	100
19) Hexachloroethane	8.699	117	189250	18.546	ng/u1	93
22) Nitrobenzene	8.834	77	503907	16.760	ng/u1	95
23) Isophorone	9.357	82	991757	16.080	ng/u1	96
25) 2-Nitrophenol	9.540	139	280923	19.725	ng/u1	93
26) 2,4-Dimethylphenol	9.604	107	483963	17.468	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.840	93	629954	16.389	ng/u1	99
29) 2,4-Dichlorophenol	10.069	162	474578	19.750	ng/u1	96
30) Naphthalene	10.469	128	1598532	18.714	ng/u1	99
32) 4-Chloroaniline	10.587	127	649372	18.511	ng/u1	97
33) Hexachlorobutadiene	10.740	225	286147	19.827	ng/u1	96
34) Caprolactam	11.375	113	159722m	17.029	ng/u1	
35) 4-Chloro-3-methylphenol	11.716	107	517555	18.427	ng/u1	96
36) 2-Methylnaphthalene	12.087	142	1106034	18.944	ng/u1	98

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.304	142	1105647	18.873	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.451	216	580158	19.569	ng/ul	98
40) Hexachlorocyclopentadiene	12.428	237	267542	15.658	ng/ul	96
41) 2,4,6-Trichlorophenol	12.704	196	385460	19.155	ng/ul	99
42) 2,4,5-Trichlorophenol	12.781	196	425679	19.467	ng/ul	93
43) 1,1'-Biphenyl	13.110	154	1453561	18.434	ng/ul	95
44) 2-Chloronaphthalene	13.151	162	1174889	19.024	ng/ul	99
45) 2-Nitroaniline	13.369	65	302166	16.879	ng/ul	88
47) Dimethylphthalate	13.745	163	1473781	18.452	ng/ul	100
48) 2,6-Dinitrotoluene	13.875	165	311415	19.615	ng/ul	94
50) Acenaphthylene	14.004	152	1915405	18.874	ng/ul	99
51) 3-Nitroaniline	14.204	138	331223	19.513	ng/ul	93
52) Acenaphthene	14.345	153	1285049	19.137	ng/ul	98
53) 2,4-Dinitrophenol	14.416	184	141392	17.641	ng/ul	93
55) 4-Nitrophenol	14.522	109	209367	18.050	ng/ul	90
56) Dibenzofuran	14.681	168	1744409	19.121	ng/ul	100
57) 2,4-Dinitrotoluene	14.663	165	450394	19.334	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.910	232	354126	19.360	ng/ul	96
59) Diethylphthalate	15.116	149	1520314	18.447	ng/ul	99
61) Fluorene	15.334	166	1386280	18.869	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.334	204	683777	19.216	ng/ul	99
63) 4-Nitroaniline	15.369	138	348203m	21.548	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.428	198	242889	19.444	ng/ul	99
67) N-Nitrosodiphenylamine	15.545	169	1228645	19.067	ng/ul	98
68) 4-Bromophenyl-phenylether	16.228	248	452874	19.994	ng/ul	94
69) Hexachlorobenzene	16.334	284	508767	19.818	ng/ul	95
70) Atrazine	16.504	200	359202	17.655	ng/ul	99
71) Pentachlorophenol	16.686	266	310471	18.903	ng/ul	92
72) Phenanthrene	17.075	178	2233860	18.758	ng/ul	99
74) Anthracene	17.163	178	2266633	18.784	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.069	216	578470	19.225	ng/ul	98
76) Pentachlorobenzene	14.598	250	589019	20.098	ng/ul	97
77) Carbazole	17.439	167	2045341	19.879	ng/ul	100
78) Di-n-butylphthalate	18.004	149	2716625	19.191	ng/ul	99
80) Fluoranthene	19.092	202	2477074	22.556	ng/ul	98
82) Pyrene	19.457	202	2560436	22.724	ng/ul	95
83) Butylbenzylphthalate	20.369	149	1215111	22.832	ng/ul	88
84) 3,3'-Dichlorobenzidine	21.180	252	626280	19.018	ng/ul	96
85) Benzo(a)anthracene	21.245	228	2118256	18.429	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.169	149	1744580	22.488	ng/ul	97
87) Chrysene	21.310	228	2010907	18.730	ng/ul	99
89) Di-n-octyl phthalate	22.268	149	2875007	27.291	ng/ul	100
90) Benzo(b)fluoranthene	23.251	252	1792510	19.058	ng/ul	97
91) Benzo(k)fluoranthene	23.315	252	1843928	19.979	ng/ul	97
93) Benzo(a)pyrene	24.039	252	1636793	18.581	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.445	276	1881182	18.532	ng/ul	97
95) Dibenzo(a,h)anthracene	27.498	278	1554356	18.755	ng/ul	96
96) Benzo(g,h,i)perylene	28.468	276	1492958	18.502	ng/ul	94

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

