

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040424\
 Data File : BN030658.D
 Acq On : 04 Apr 2024 12:02
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020340

Quant Time: Apr 04 12:41:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Mar 31 12:24:07 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/04/2024
 Supervised By :mohammad ahmed 04/06/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	316765	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.475	136	1422710	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.340	164	919792	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.086	188	1822746	20.000	ng/u1	0.00
79) Chrysene-d12	21.327	240	1263215	20.000	ng/u1	0.00
88) Perylene-d12	24.280	264	1247310	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	57989	8.583	ng/uL	0.00
4) Pyridine-d5	3.593	84	429903	21.222	ng/u1	0.00
7) Phenol-d5	6.858	99	561582	21.916	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	332625	21.016	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.222	132	454452	23.378	ng/u1	0.00
15) 4-Methylphenol-d8	8.399	113	455812	21.224	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	232683	23.577	ng/u1	0.00
24) 2-Nitrophenol-d4	9.563	143	245431	27.184	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	460920	23.319	ng/u1	0.00
31) 4-Chloroaniline-d4	10.616	131	663133	20.379	ng/u1	0.00
46) Dimethylphthalate-d6	13.751	166	1320473	21.502	ng/u1	0.00
49) Acenaphthylene-d8	14.028	160	1587884	22.489	ng/u1	0.00
54) 4-Nitrophenol-d4	14.545	143	245979	20.940	ng/u1	0.00
60) Fluorene-d10	15.334	176	1145727	21.320	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	184451	22.926	ng/u1	0.00
73) Anthracene-d10	17.186	188	1744414	22.212	ng/u1	0.00
81) Pyrene-d10	19.486	212	1794876	26.428	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.074	264	1281376	22.295	ng/u1	0.00
Target Compounds	Qvalue					
2) 1,4-Dioxane	3.228	88	62387	8.620	ng/uL	90
5) Pyridine	3.617	79	435802	21.321	ng/u1	98
6) Benzaldehyde	6.840	77	318556	26.695	ng/u1	96
8) Phenol	6.887	94	575881	21.573	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.122	93	471058	21.639	ng/u1	98
12) 2-Chlorophenol	7.252	128	474418	22.751	ng/u1	97
13) 2-Methylphenol	8.128	108	443110	21.541	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.210	45	614442	20.046	ng/u1	99
16) Acetophenone	8.510	105	704613	20.780	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.499	70	353879	20.721	ng/u1	97
18) 4-Methylphenol	8.457	108	482168	20.938	ng/u1	98
19) Hexachloroethane	8.757	117	198562	22.712	ng/u1	97
22) Nitrobenzene	8.887	77	533473	22.143	ng/u1	98
23) Isophorone	9.410	82	1027219	21.379	ng/u1	100
25) 2-Nitrophenol	9.593	139	264536	24.931	ng/u1	98
26) 2,4-Dimethylphenol	9.657	107	519943	22.047	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.899	93	640319	20.961	ng/u1	99
29) 2,4-Dichlorophenol	10.122	162	457250	22.664	ng/u1	99
30) Naphthalene	10.528	128	1556566	21.332	ng/u1	100
32) 4-Chloroaniline	10.640	127	641663	20.461	ng/u1	98
33) Hexachlorobutadiene	10.804	225	284146	22.376	ng/u1	97
34) Caprolactam	11.416	113	153074m	20.310	ng/u1	
35) 4-Chloro-3-methylphenol	11.763	107	491980	21.651	ng/u1	99
36) 2-Methylnaphthalene	12.146	142	1075748	21.110	ng/u1	100

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.363	142	1066747	20.622	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.510	216	553362	23.312	ng/ul	98
40) Hexachlorocyclopentadiene	12.493	237	267225	19.823	ng/ul	99
41) 2,4,6-Trichlorophenol	12.757	196	364025	24.541	ng/ul	98
42) 2,4,5-Trichlorophenol	12.828	196	390631	23.319	ng/ul	97
43) 1,1'-Biphenyl	13.169	154	1386347	22.113	ng/ul	99
44) 2-Chloronaphthalene	13.204	162	1090617	22.099	ng/ul	99
45) 2-Nitroaniline	13.416	65	306424	23.331	ng/ul	98
47) Dimethylphthalate	13.798	163	1364698	21.513	ng/ul	99
48) 2,6-Dinitrotoluene	13.922	165	284880	24.221	ng/ul	98
50) Acenaphthylene	14.057	152	1809052	22.175	ng/ul	100
51) 3-Nitroaniline	14.245	138	299432	23.986	ng/ul	99
52) Acenaphthene	14.398	153	1179866	21.702	ng/ul	98
53) 2,4-Dinitrophenol	14.451	184	114052	21.112	ng/ul	92
55) 4-Nitrophenol	14.557	109	193174	20.757	ng/ul	98
56) Dibenzofuran	14.739	168	1603356	21.216	ng/ul	98
57) 2,4-Dinitrotoluene	14.704	165	401921	23.406	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.963	232	324111	23.297	ng/ul	97
59) Diethylphthalate	15.169	149	1386728	21.518	ng/ul	100
61) Fluorene	15.387	166	1271947	21.175	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.387	204	618311	20.981	ng/ul	99
63) 4-Nitroaniline	15.416	138	294622	24.275	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.469	198	200170	23.155	ng/ul	98
67) N-Nitrosodiphenylamine	15.604	169	1119033	22.543	ng/ul	98
68) 4-Bromophenyl-phenylether	16.281	248	399415	23.076	ng/ul	97
69) Hexachlorobenzene	16.386	284	446137	21.890	ng/ul	99
70) Atrazine	16.563	200	395863	23.008	ng/ul	99
71) Pentachlorophenol	16.733	266	281454	23.422	ng/ul	97
72) Phenanthrene	17.128	178	2033235	21.712	ng/ul	99
74) Anthracene	17.222	178	2079357	21.964	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.122	216	539356	24.086	ng/ul	98
76) Pentachlorobenzene	14.651	250	531425	23.364	ng/ul	95
77) Carbazole	17.492	167	1840327	22.167	ng/ul	99
78) Di-n-butylphthalate	18.063	149	2420825	23.902	ng/ul	100
80) Fluoranthene	19.151	202	2209278	27.365	ng/ul	100
82) Pyrene	19.516	202	2226075	26.108	ng/ul	99
83) Butylbenzylphthalate	20.427	149	1034708	31.777	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.239	252	558573	24.065	ng/ul	95
85) Benzo(a)anthracene	21.310	228	1873832	22.227	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.245	149	1482380	30.871	ng/ul	99
87) Chrysene	21.369	228	1772126	22.270	ng/ul	99
89) Di-n-octyl phthalate	22.363	149	2366833	29.964	ng/ul	100
90) Benzo(b)fluoranthene	23.345	252	1613938	21.986	ng/ul	100
91) Benzo(k)fluoranthene	23.404	252	1604523	21.523	ng/ul	98
93) Benzo(a)pyrene	24.139	252	1476651	21.295	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.592	276	1714923	22.878	ng/ul	100
95) Dibenzo(a,h)anthracene	27.651	278	1437374	22.778	ng/ul	98
96) Benzo(g,h,i)perylene	28.621	276	1368402	23.254	ng/ul	97

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

