

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041324\
 Data File : BN030877.D
 Acq On : 13 Apr 2024 12:50
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020357

Quant Time: Apr 14 22:30:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Apr 14 22:12:55 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/16/2024
 Supervised By :mohammad ahmed 04/17/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.664	152	166521	20.000	ng/u1	0.00
20) Naphthalene-d8	10.446	136	739626	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.310	164	499834	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.063	188	1093278	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	1131417	20.000	ng/u1	0.00
88) Perylene-d12	24.222	264	1277469	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.176	96	30061	8.464	ng/uL	0.00
4) Pyridine-d5	3.581	84	225473	21.173	ng/u1	0.00
7) Phenol-d5	6.834	99	286018	21.233	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	173717	20.879	ng/u1	0.00
11) 2-Chlorophenol-d4	7.199	132	228080	22.319	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	231930	20.543	ng/u1	0.00
21) Nitrobenzene-d5	8.822	128	113034	22.031	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	111178	23.687	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	231072	22.488	ng/u1	0.00
31) 4-Chloroaniline-d4	10.593	131	351028	20.750	ng/u1	0.00
46) Dimethylphthalate-d6	13.728	166	726976	21.784	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	839437	21.878	ng/u1	0.00
54) 4-Nitrophenol-d4	14.516	143	145078	22.728	ng/u1	0.00
60) Fluorene-d10	15.304	176	642169	21.990	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.428	200	92795	19.229	ng/u1	0.00
73) Anthracene-d10	17.157	188	1010845	21.459	ng/u1	0.00
81) Pyrene-d10	19.457	212	1223147	20.108	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.022	264	1294452	21.991	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	32198	8.463	ng/uL	96
5) Pyridine	3.599	79	225205	20.958	ng/u1	94
6) Benzaldehyde	6.817	77	163783m	26.108	ng/u1	
8) Phenol	6.864	94	297049	21.168	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.099	93	241757	21.126	ng/u1	99
12) 2-Chlorophenol	7.228	128	239718	21.868	ng/u1	98
13) 2-Methylphenol	8.105	108	226077	20.907	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.187	45	320926	19.916	ng/u1	99
16) Acetophenone	8.487	105	373917	20.977	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.469	70	184590	20.561	ng/u1	95
18) 4-Methylphenol	8.434	108	250032	20.654	ng/u1	98
19) Hexachloroethane	8.734	117	96365	20.967	ng/u1	96
22) Nitrobenzene	8.864	77	271954	21.713	ng/u1	98
23) Isophorone	9.387	82	521094	20.862	ng/u1	99
25) 2-Nitrophenol	9.569	139	126910	23.006	ng/u1	99
26) 2,4-Dimethylphenol	9.628	107	269716	21.999	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.869	93	333245	20.984	ng/u1	97
29) 2,4-Dichlorophenol	10.099	162	232465	22.164	ng/u1	98
30) Naphthalene	10.499	128	814918	21.483	ng/u1	99
32) 4-Chloroaniline	10.610	127	348874	21.399	ng/u1	100
33) Hexachlorobutadiene	10.775	225	137700	20.858	ng/u1	97
34) Caprolactam	11.387	113	76546	19.536	ng/u1	98
35) 4-Chloro-3-methylphenol	11.740	107	253795	21.484	ng/u1	98
36) 2-Methylnaphthalene	12.116	142	562245	21.223	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.340	142	568721	21.148	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.487	216	286908	22.242	ng/ul	99
40) Hexachlorocyclopentadiene	12.463	237	134354	18.341	ng/ul	97
41) 2,4,6-Trichlorophenol	12.734	196	186961	23.194	ng/ul	97
42) 2,4,5-Trichlorophenol	12.799	196	205178	22.539	ng/ul	97
43) 1,1'-Biphenyl	13.140	154	755525	22.176	ng/ul	99
44) 2-Chloronaphthalene	13.181	162	591472	22.054	ng/ul	99
45) 2-Nitroaniline	13.393	65	156882	21.981	ng/ul	99
47) Dimethylphthalate	13.775	163	748438	21.711	ng/ul	99
48) 2,6-Dinitrotoluene	13.893	165	139022	21.751	ng/ul	95
50) Acenaphthylene	14.034	152	978342	22.068	ng/ul	99
51) 3-Nitroaniline	14.222	138	162336	23.929	ng/ul	97
52) Acenaphthene	14.375	153	645523	21.850	ng/ul	95
53) 2,4-Dinitrophenol	14.428	184	51414	17.514	ng/ul	97
55) 4-Nitrophenol	14.534	109	114811	22.702	ng/ul	97
56) Dibenzofuran	14.710	168	915819	22.300	ng/ul	100
57) 2,4-Dinitrotoluene	14.681	165	211379	22.652	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.934	232	176534	23.350	ng/ul	97
59) Diethylphthalate	15.146	149	753269	21.509	ng/ul	98
61) Fluorene	15.363	166	739194	22.645	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.363	204	351131	21.925	ng/ul	99
63) 4-Nitroaniline	15.393	138	179365	27.196	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.440	198	105028	20.255	ng/ul#	99
67) N-Nitrosodiphenylamine	15.575	169	628181	21.098	ng/ul	98
68) 4-Bromophenyl-phenylether	16.257	248	218188	21.017	ng/ul	97
69) Hexachlorobenzene	16.357	284	258115	21.115	ng/ul	97
70) Atrazine	16.534	200	215723	20.904	ng/ul	100
71) Pentachlorophenol	16.710	266	156366	21.695	ng/ul	95
72) Phenanthrene	17.104	178	1219956	21.719	ng/ul	99
74) Anthracene	17.192	178	1253220	22.070	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.099	216	287559	21.410	ng/uL	94
76) Pentachlorobenzene	14.622	250	283539	20.783	ng/uL	99
77) Carbazole	17.469	167	1182940	23.755	ng/ul	99
78) Di-n-butylphthalate	18.034	149	1341016	22.075	ng/ul	100
80) Fluoranthene	19.122	202	1486616	20.559	ng/ul	97
82) Pyrene	19.492	202	1560331	20.432	ng/ul	98
83) Butylbenzylphthalate	20.404	149	627776	21.526	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.210	252	474240	22.812	ng/ul	97
85) Benzo(a)anthracene	21.281	228	1642695	21.755	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.210	149	914788	21.270	ng/ul	97
87) Chrysene	21.339	228	1569512	22.022	ng/ul	99
89) Di-n-octyl phthalate	22.322	149	1561429	19.301	ng/ul	100
90) Benzo(b)fluoranthene	23.298	252	1642133	21.842	ng/ul	99
91) Benzo(k)fluoranthene	23.357	252	1686646	22.091	ng/ul	98
93) Benzo(a)pyrene	24.086	252	1537093	21.643	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.498	276	1634343	21.289	ng/ul	99
95) Dibenzo(a,h)anthracene	27.557	278	1374329	21.265	ng/ul	97
96) Benzo(g,h,i)perylene	28.527	276	1284546	21.313	ng/ul	98

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

