

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081524\
 Data File : BN033406.D
 Acq On : 15 Aug 2024 19:34
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020311

Quant Time: Aug 15 23:11:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 14 02:12:11 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
 Supervised By :mohammad ahmed 08/17/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	596967	20.000	ng/u1	0.00
20) Naphthalene-d8	10.334	136	2561157	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.210	164	1612762	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.957	188	3191891	20.000	ng/u1	0.00
79) Chrysene-d12	21.192	240	2041281	20.000	ng/u1	0.00
88) Perylene-d12	24.021	264	2150129	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	96615	6.603	ng/uL	0.00
4) Pyridine-d5	3.546	84	742960	16.734	ng/u1	0.00
7) Phenol-d5	6.752	99	983776	17.967	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.916	67	625136	17.806	ng/u1	0.00
11) 2-Chlorophenol-d4	7.111	132	814171	19.724	ng/u1	0.00
15) 4-Methylphenol-d8	8.275	113	796905	17.600	ng/u1	0.00
21) Nitrobenzene-d5	8.710	128	402362	20.642	ng/u1	0.00
24) 2-Nitrophenol-d4	9.428	143	416920	24.291	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.963	165	784669	20.535	ng/u1	0.00
31) 4-Chloroaniline-d4	10.475	131	1106336	17.366	ng/u1	0.00
46) Dimethylphthalate-d6	13.634	166	2188233	17.829	ng/u1	0.00
49) Acenaphthylene-d8	13.898	160	2630420	19.142	ng/u1	0.00
54) 4-Nitrophenol-d4	14.416	143	428458	18.066	ng/u1	0.00
60) Fluorene-d10	15.210	176	1882337	17.882	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.328	200	320871	21.344	ng/u1	0.00
73) Anthracene-d10	17.057	188	2784106	18.397	ng/u1	0.00
81) Pyrene-d10	19.357	212	2703550	23.985	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.827	264	2144567	19.183	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.193	88	102576	6.681	ng/uL	96
5) Pyridine	3.564	79	751758	16.470	ng/u1	93
6) Benzaldehyde	6.722	77	618854	21.751	ng/u1	99
8) Phenol	6.781	94	1021682	17.757	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.011	93	821411	17.928	ng/u1	98
12) 2-Chlorophenol	7.140	128	829111	19.253	ng/u1	99
13) 2-Methylphenol	8.011	108	778293	17.880	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.093	45	1260489	16.948	ng/u1	97
16) Acetophenone	8.381	105	1249477	16.992	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.381	70	617894	16.444	ng/u1	98
18) 4-Methylphenol	8.340	108	850595	17.457	ng/u1	97
19) Hexachloroethane	8.634	117	345957	19.226	ng/u1	96
22) Nitrobenzene	8.752	77	945792	19.296	ng/u1	100
23) Isophorone	9.281	82	1763549	17.731	ng/u1	98
25) 2-Nitrophenol	9.458	139	460134	22.972	ng/u1	98
26) 2,4-Dimethylphenol	9.528	107	862355	18.189	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.769	93	1117755	18.146	ng/u1	100
29) 2,4-Dichlorophenol	9.987	162	781271	19.769	ng/u1	98
30) Naphthalene	10.387	128	2650658	18.562	ng/u1	99
32) 4-Chloroaniline	10.499	127	1071252	17.194	ng/u1	97
33) Hexachlorobutadiene	10.681	225	500384	20.255	ng/u1	98
34) Caprolactam	11.269	113	262455m	16.629	ng/u1	
35) 4-Chloro-3-methylphenol	11.634	107	850702	18.711	ng/u1	99
36) 2-Methylnaphthalene	12.004	142	1808604	17.996	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.228	142	1809111	17.810	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.381	216	928944	20.117	ng/ul	95
40) Hexachlorocyclopentadiene	12.369	237	496932	19.420	ng/ul#	98
41) 2,4,6-Trichlorophenol	12.628	196	617121	21.781	ng/ul	98
42) 2,4,5-Trichlorophenol	12.699	196	666872	20.900	ng/ul	99
43) 1,1'-Biphenyl	13.040	154	2297778	18.891	ng/ul	99
44) 2-Chloronaphthalene	13.069	162	1793552	19.021	ng/ul	99
45) 2-Nitroaniline	13.281	65	555513	20.506	ng/ul	96
47) Dimethylphthalate	13.681	163	2213096	17.962	ng/ul	99
48) 2,6-Dinitrotoluene	13.787	165	471834	21.071	ng/ul	99
50) Acenaphthylene	13.928	152	2783289	18.547	ng/ul	99
51) 3-Nitroaniline	14.116	138	511075	20.155	ng/ul	97
52) Acenaphthene	14.275	153	1967533	18.555	ng/ul	99
53) 2,4-Dinitrophenol	14.316	184	219904	19.880	ng/ul	97
55) 4-Nitrophenol	14.434	109	327518	17.633	ng/ul	94
56) Dibenzofuran	14.610	168	2677689	18.086	ng/ul	99
57) 2,4-Dinitrotoluene	14.575	165	667687	19.841	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.840	232	533733	20.583	ng/ul	97
59) Diethylphthalate	15.063	149	2295964	17.862	ng/ul	100
61) Fluorene	15.263	166	2131511	17.493	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.269	204	1032630	17.662	ng/ul	98
63) 4-Nitroaniline	15.287	138	483318	18.519	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.345	198	353492	20.807	ng/ul	98
67) N-Nitrosodiphenylamine	15.481	169	1847251	19.245	ng/ul	99
68) 4-Bromophenyl-phenylether	16.163	248	646310	19.838	ng/ul	95
69) Hexachlorobenzene	16.269	284	711814	19.083	ng/ul	93
70) Atrazine	16.445	200	676602	18.946	ng/ul	96
71) Pentachlorophenol	16.610	266	481120	20.503	ng/ul	97
72) Phenanthrene	17.004	178	3233093	18.115	ng/ul	98
74) Anthracene	17.092	178	3298272	18.140	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	12.993	216	930771	21.629	ng/ul	94
76) Pentachlorobenzene	14.534	250	898503	20.288	ng/ul	97
77) Carbazole	17.363	167	2894582	17.267	ng/ul	99
78) Di-n-butylphthalate	17.957	149	3958853	18.909	ng/ul	99
80) Fluoranthene	19.022	202	3286901	24.938	ng/ul	100
82) Pyrene	19.392	202	3311678	23.183	ng/ul	98
83) Butylbenzylphthalate	20.322	149	1460257	25.511	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.110	252	881941	18.952	ng/ul	96
85) Benzo(a)anthracene	21.175	228	2773652	18.883	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.145	149	2349329	25.298	ng/ul	98
87) Chrysene	21.233	228	2584919	18.712	ng/ul	99
89) Di-n-octyl phthalate	22.227	149	3527639	25.474	ng/ul	100
90) Benzo(b)fluoranthene	23.133	252	2516960	18.830	ng/ul	98
91) Benzo(k)fluoranthene	23.192	252	2487786	18.747	ng/ul	99
93) Benzo(a)pyrene	23.886	252	2343436	18.499	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.168	276	2862979m	18.211	ng/ul	
95) Dibenzo(a,h)anthracene	27.239	278	2315799	17.988	ng/ul	98
96) Benzo(g,h,i)perylene	28.157	276	2230499	18.462	ng/ul	97

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

