

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050624\
 Data File : BN031393.D
 Acq On : 06 May 2024 10:33
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020397

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/07/2024
 Supervised By :mohammad ahmed 05/08/2024

Quant Time: May 06 12:40:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN050324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 03 14:17:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.593	152	144057	20.000	ng/u1	0.00
20) Naphthalene-d8	10.375	136	607554	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.245	164	393062	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.998	188	792445	20.000	ng/u1	0.00
79) Chrysene-d12	21.239	240	645582	20.000	ng/u1	0.00
88) Perylene-d12	24.110	264	660259	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.117	96	25146	7.555	ng/uL	0.00
4) Pyridine-d5	3.522	84	169414	19.582	ng/u1	0.00
7) Phenol-d5	6.775	99	214396	19.519	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.940	67	119603	19.282	ng/u1	0.00
11) 2-Chlorophenol-d4	7.128	132	179764	19.624	ng/u1	0.00
15) 4-Methylphenol-d8	8.310	113	178962	19.649	ng/u1	0.00
21) Nitrobenzene-d5	8.757	128	90068	19.676	ng/u1	0.00
24) 2-Nitrophenol-d4	9.469	143	100669	19.901	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.999	165	181983	20.015	ng/u1	0.00
31) 4-Chloroaniline-d4	10.522	131	255481	20.182	ng/u1	0.00
46) Dimethylphthalate-d6	13.669	166	559533	19.784	ng/u1	0.00
49) Acenaphthylene-d8	13.940	160	640766	20.586	ng/u1	0.00
54) 4-Nitrophenol-d4	14.469	143	97876	19.466	ng/u1	0.00
60) Fluorene-d10	15.245	176	467182	20.211	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.375	200	91625	18.903	ng/u1	0.00
73) Anthracene-d10	17.098	188	700400	20.296	ng/u1	0.00
81) Pyrene-d10	19.404	212	772037	21.059	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.915	264	613938	19.493	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.152	88	26562	7.996	ng/uL	98
5) Pyridine	3.540	79	173044	19.887	ng/u1	98
6) Benzaldehyde	6.752	77	115557	22.191	ng/u1	97
8) Phenol	6.805	94	218253	19.642	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.034	93	172061	19.429	ng/u1	99
12) 2-Chlorophenol	7.163	128	189622	19.803	ng/u1	98
13) 2-Methylphenol	8.040	108	167780	19.509	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.116	45	193363	19.898	ng/u1	97
16) Acetophenone	8.422	105	289567	20.095	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.404	70	142670	20.043	ng/u1	98
18) 4-Methylphenol	8.369	108	184055	19.803	ng/u1	95
19) Hexachloroethane	8.657	117	82427	19.504	ng/u1	97
22) Nitrobenzene	8.799	77	220374	20.320	ng/u1	99
23) Isophorone	9.316	82	404710	19.629	ng/u1	100
25) 2-Nitrophenol	9.499	139	108707	19.982	ng/u1	100
26) 2,4-Dimethylphenol	9.563	107	210698	19.847	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.804	93	240708	20.008	ng/u1	99
29) 2,4-Dichlorophenol	10.028	162	182092	20.252	ng/u1	99
30) Naphthalene	10.422	128	621196	19.836	ng/u1	99
32) 4-Chloroaniline	10.546	127	251626	20.568	ng/u1	100
33) Hexachlorobutadiene	10.704	225	128089	20.325	ng/u1	98
34) Caprolactam	11.328	113	54316m	18.679	ng/u1	
35) 4-Chloro-3-methylphenol	11.675	107	208588	19.954	ng/u1	100
36) 2-Methylnaphthalene	12.045	142	424960	19.877	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.269	142	432114	20.195	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.416	216	220012	19.965	ng/ul	99
40) Hexachlorocyclopentadiene	12.393	237	137483	18.880	ng/ul	96
41) 2,4,6-Trichlorophenol	12.669	196	144641	19.797	ng/ul	93
42) 2,4,5-Trichlorophenol	12.740	196	157530	20.044	ng/ul	95
43) 1,1'-Biphenyl	13.075	154	561223	20.159	ng/ul	100
44) 2-Chloronaphthalene	13.116	162	442809	20.157	ng/ul	99
45) 2-Nitroaniline	13.334	65	125590	20.064	ng/ul	96
47) Dimethylphthalate	13.716	163	573494	19.814	ng/ul	99
48) 2,6-Dinitrotoluene	13.839	165	114746	19.862	ng/ul	98
50) Acenaphthylene	13.969	152	725414	20.190	ng/ul	100
51) 3-Nitroaniline	14.169	138	112288	19.697	ng/ul	97
52) Acenaphthene	14.310	153	480239	20.073	ng/ul	98
53) 2,4-Dinitrophenol	14.375	184	60303	17.525	ng/ul	97
55) 4-Nitrophenol	14.481	109	100440	19.311	ng/ul	96
56) Dibenzofuran	14.651	168	656950	20.540	ng/ul	97
57) 2,4-Dinitrotoluene	14.628	165	168691	20.078	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.881	232	130915	19.366	ng/ul	97
59) Diethylphthalate	15.086	149	606402	20.134	ng/ul	98
61) Fluorene	15.304	166	535665	20.118	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.298	204	264317	19.947	ng/ul	94
63) 4-Nitroaniline	15.339	138	100639	19.909	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.392	198	97850	19.373	ng/ul	95
67) N-Nitrosodiphenylamine	15.516	169	445771	19.928	ng/ul	97
68) 4-Bromophenyl-phenylether	16.198	248	168632	21.132	ng/ul	97
69) Hexachlorobenzene	16.298	284	186829	19.737	ng/ul	97
70) Atrazine	16.475	200	151629	20.147	ng/ul	98
71) Pentachlorophenol	16.651	266	115146	19.004	ng/ul	100
72) Phenanthrene	17.045	178	840631	20.558	ng/ul	98
74) Anthracene	17.133	178	861138	20.682	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.034	216	221160	20.755	ng/uL	97
76) Pentachlorobenzene	14.563	250	217140	20.306	ng/uL	97
77) Carbazole	17.410	167	754119	20.929	ng/ul	99
78) Di-n-butylphthalate	17.975	149	1027439	20.723	ng/ul	100
80) Fluoranthene	19.069	202	938546	21.259	ng/ul	99
82) Pyrene	19.433	202	964184	20.925	ng/ul	99
83) Butylbenzylphthalate	20.345	149	425068	20.801	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.151	252	252728	21.047	ng/ul	99
85) Benzo(a)anthracene	21.221	228	878729	20.297	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.151	149	596341	20.607	ng/ul	98
87) Chrysene	21.280	228	824801	20.235	ng/ul	99
89) Di-n-octyl phthalate	22.239	149	947013	20.107	ng/ul	100
90) Benzo(b)fluoranthene	23.204	252	772009	19.529	ng/ul	99
91) Benzo(k)fluoranthene	23.263	252	792424	20.346	ng/ul	99
93) Benzo(a)pyrene	23.974	252	720073	19.963	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.333	276	859295	19.980	ng/ul	99
95) Dibenzo(a,h)anthracene	27.386	278	720283	20.110	ng/ul	99
96) Benzo(g,h,i)perylene	28.345	276	687030	19.829	ng/ul	99

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

