

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050324\
 Data File : BN031388.D
 Acq On : 03 May 2024 13:03
 Operator : MA/JU
 Sample : SSTD08054
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD080235

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/04/2024
 Supervised By :mohammad ahmed 05/04/2024

Quant Time: May 03 13:44:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN050324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 03 13:38:35 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.599	152	139221	20.000	ng/u1	0.00
20) Naphthalene-d8	10.381	136	593814	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.251	164	372995	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.004	188	701265	20.000	ng/u1	0.00
79) Chrysene-d12	21.239	240	543370	20.000	ng/u1	0.00
88) Perylene-d12	24.115	264	609886	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.117	96	101979	33.502	ng/uL	0.00
4) Pyridine-d5	3.517	84	692716	80.198	ng/u1	0.00
7) Phenol-d5	6.787	99	889300	79.409	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	6.952	67	486526	74.629	ng/u1	0.00
11) 2-Chlorophenol-d4	7.140	132	753632	83.331	ng/u1	0.01
15) 4-Methylphenol-d8	8.322	113	737939	79.469	ng/u1	0.01
21) Nitrobenzene-d5	8.763	128	375975	85.153	ng/u1	0.00
24) 2-Nitrophenol-d4	9.475	143	432774	90.548	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.010	165	740364	84.268	ng/u1	0.00
31) 4-Chloroaniline-d4	10.534	131	991424	78.558	ng/u1	0.01
46) Dimethylphthalate-d6	13.675	166	2019096	78.578	ng/u1	0.00
49) Acenaphthylene-d8	13.945	160	2339332	79.515	ng/u1	0.00
54) 4-Nitrophenol-d4	14.492	143	376227	80.264	ng/u1	0.02
60) Fluorene-d10	15.251	176	1651135	75.814	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.392	200	362201	94.642	ng/u1	0.02
73) Anthracene-d10	17.104	188	2366087	78.788	ng/u1	0.00
81) Pyrene-d10	19.410	212	2481624	75.958	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.927	264	2428374	83.755	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.152	88	106289	32.216	ng/uL	99
5) Pyridine	3.540	79	694875	80.567	ng/u1	97
6) Benzaldehyde	6.752	77	376089	68.842	ng/u1	98
8) Phenol	6.810	94	891046	78.342	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.040	93	701848	76.556	ng/u1	98
12) 2-Chlorophenol	7.169	128	767671	81.528	ng/u1	98
13) 2-Methylphenol	8.052	108	690568	78.123	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.122	45	760690	64.930	ng/u1	98
16) Acetophenone	8.434	105	1111295	79.534	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.434	70	540053	74.219	ng/u1	98
18) 4-Methylphenol	8.393	108	736339	76.272	ng/u1	98
19) Hexachloroethane	8.663	117	332667	85.711	ng/u1	95
22) Nitrobenzene	8.810	77	858329	82.783	ng/u1	98
23) Isophorone	9.340	82	1597461	79.281	ng/u1	100
25) 2-Nitrophenol	9.510	139	446511	86.319	ng/u1	97
26) 2,4-Dimethylphenol	9.575	107	835946	84.729	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.810	93	926651	74.127	ng/u1	98
29) 2,4-Dichlorophenol	10.040	162	699976	80.487	ng/u1	97
30) Naphthalene	10.434	128	2373631	78.915	ng/u1	99
32) 4-Chloroaniline	10.557	127	953739	78.596	ng/u1	100
33) Hexachlorobutadiene	10.704	225	499964	93.774	ng/u1	99
34) Caprolactam	11.375	113	226154m	73.184	ng/u1	
35) 4-Chloro-3-methylphenol	11.693	107	830884	82.644	ng/u1	99
36) 2-Methylnaphthalene	12.051	142	1626514	78.187	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.275	142	1600964	76.151	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.422	216	836017	83.612	ng/ul	98
40) Hexachlorocyclopentadiene	12.393	237	606009	107.194	ng/ul	100
41) 2,4,6-Trichlorophenol	12.675	196	578255	84.676	ng/ul	99
42) 2,4,5-Trichlorophenol	12.751	196	609524	81.759	ng/ul	99
43) 1,1'-Biphenyl	13.081	154	2057188	79.034	ng/ul	99
44) 2-Chloronaphthalene	13.122	162	1639059	79.570	ng/ul	98
45) 2-Nitroaniline	13.345	65	499774	85.357	ng/ul	97
47) Dimethylphthalate	13.728	163	2085314	79.133	ng/ul	99
48) 2,6-Dinitrotoluene	13.851	165	450045	87.224	ng/ul	98
50) Acenaphthylene	13.975	152	2654694	79.231	ng/ul	99
51) 3-Nitroaniline	14.181	138	427305	78.550	ng/ul	99
52) Acenaphthene	14.322	153	1733579	77.842	ng/ul	100
53) 2,4-Dinitrophenol	14.387	184	282481	93.842	ng/ul	96
55) 4-Nitrophenol	14.504	109	385839	96.221	ng/ul	98
56) Dibenzofuran	14.657	168	2277545	75.622	ng/ul	99
57) 2,4-Dinitrotoluene	14.639	165	613880	81.088	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	14.887	232	509028	81.323	ng/ul	99
59) Diethylphthalate	15.098	149	2156814	80.632	ng/ul	99
61) Fluorene	15.310	166	1818265	74.763	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.304	204	906316	76.833	ng/ul	92
63) 4-Nitroaniline	15.357	138	347725	70.051	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.404	198	372543	91.413	ng/ul	97
67) N-Nitrosodiphenylamine	15.528	169	1616465	84.181	ng/ul	96
68) 4-Bromophenyl-phenylether	16.204	248	579418	84.899	ng/ul	97
69) Hexachlorobenzene	16.304	284	685033	86.540	ng/ul	97
70) Atrazine	16.486	200	515937	82.498	ng/ul	97
71) Pentachlorophenol	16.657	266	445986	92.197	ng/ul	95
72) Phenanthrene	17.051	178	2783225	77.308	ng/ul	99
74) Anthracene	17.139	178	2832250	78.931	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.040	216	834023	91.184	ng/ul	99
76) Pentachlorobenzene	14.569	250	803500	89.377	ng/ul	99
77) Carbazole	17.416	167	2427442	77.521	ng/ul	99
78) Di-n-butylphthalate	17.980	149	3332173	80.560	ng/ul	100
80) Fluoranthene	19.069	202	2949870	75.200	ng/ul	98
82) Pyrene	19.439	202	3007426	74.735	ng/ul	99
83) Butylbenzylphthalate	20.351	149	1409073	82.335	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.157	252	792055	79.600	ng/ul	97
85) Benzo(a)anthracene	21.221	228	2888591	79.642	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.151	149	1941817	84.488	ng/ul#	98
87) Chrysene	21.286	228	2639457	77.830	ng/ul	98
89) Di-n-octyl phthalate	22.245	149	3389040	72.684	ng/ul	100
90) Benzo(b)fluoranthene	23.215	252	2898596	76.977	ng/ul	99
91) Benzo(k)fluoranthene	23.280	252	2785081	74.881	ng/ul	98
93) Benzo(a)pyrene	23.998	252	2726685	80.983	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.356	276	3548043	93.765	ng/ul	97
95) Dibenzo(a,h)anthracene	27.421	278	2907247	92.120	ng/ul	100
96) Benzo(g,h,i)perylene	28.374	276	2893202	95.324	ng/ul	99

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

