

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
 Data File : BN031623.D
 Acq On : 23 May 2024 08:48
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020258

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :mohammad ahmed 05/25/2024

Quant Time: May 23 22:56:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 23:42:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	582986	20.000	ng/u1	0.00
20) Naphthalene-d8	10.475	136	2559029	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.328	164	1593728	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.075	188	3073307	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	2104193	20.000	ng/u1	0.00
88) Perylene-d12	24.233	264	1893923	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	116703	7.934	ng/uL	0.00
4) Pyridine-d5	3.605	84	849636	20.700	ng/u1	0.00
7) Phenol-d5	6.852	99	995859	20.751	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	609982	21.192	ng/u1	0.00
11) 2-Chlorophenol-d4	7.222	132	747251	20.207	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	786643	21.174	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	380872	19.666	ng/u1	0.00
24) 2-Nitrophenol-d4	9.563	143	358524	19.386	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	738938	20.435	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	1101697	21.136	ng/u1	0.00
46) Dimethylphthalate-d6	13.746	166	2132379	21.231	ng/u1	0.00
49) Acenaphthylene-d8	14.022	160	2602447	20.674	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	405088	21.316	ng/u1	0.00
60) Fluorene-d10	15.322	176	1839507	21.134	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.440	200	252602	19.011	ng/u1	0.00
73) Anthracene-d10	17.169	188	2667839	20.506	ng/u1	0.00
81) Pyrene-d10	19.469	212	2745958	20.805	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.039	264	1783089	20.001	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	124734	8.048	ng/uL	95
5) Pyridine	3.623	79	849150	21.020	ng/u1	99
6) Benzaldehyde	6.840	77	571594m	23.253	ng/u1	
8) Phenol	6.881	94	1040903	21.104	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.122	93	864833	21.130	ng/u1	98
12) 2-Chlorophenol	7.252	128	791351	20.405	ng/u1	99
13) 2-Methylphenol	8.128	108	779436	21.096	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.216	45	1024191	21.663	ng/u1	99
16) Acetophenone	8.511	105	1290856	22.276	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.499	70	641329	21.542	ng/u1	100
18) 4-Methylphenol	8.452	108	842430	21.454	ng/u1	97
19) Hexachloroethane	8.763	117	340648	20.558	ng/u1	96
22) Nitrobenzene	8.887	77	953005	20.087	ng/u1	98
23) Isophorone	9.410	82	1856493	20.571	ng/u1	97
25) 2-Nitrophenol	9.593	139	415925	20.178	ng/u1	99
26) 2,4-Dimethylphenol	9.652	107	854813	20.301	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.893	93	1183384	20.569	ng/u1	98
29) 2,4-Dichlorophenol	10.116	162	721412	20.124	ng/u1	98
30) Naphthalene	10.522	128	2631790	19.984	ng/u1	99
32) 4-Chloroaniline	10.634	127	1088961	21.410	ng/u1	98
33) Hexachlorobutadiene	10.805	225	435586	19.856	ng/u1	94
34) Caprolactam	11.399	113	249639m	21.501	ng/u1	
35) 4-Chloro-3-methylphenol	11.757	107	844923	21.703	ng/u1	98
36) 2-Methylnaphthalene	12.140	142	1784025	20.700	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.357	142	1778493	20.847	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.504	216	863420	19.143	ng/ul	98
40) Hexachlorocyclopentadiene	12.487	237	451721	16.707	ng/ul	93
41) 2,4,6-Trichlorophenol	12.751	196	550121	19.737	ng/ul	99
42) 2,4,5-Trichlorophenol	12.816	196	615128	20.388	ng/ul	94
43) 1,1'-Biphenyl	13.163	154	2288358	19.916	ng/ul	99
44) 2-Chloronaphthalene	13.198	162	1797062	19.753	ng/ul	99
45) 2-Nitroaniline	13.404	65	503650	21.147	ng/ul	97
47) Dimethylphthalate	13.793	163	2186656	21.336	ng/ul	98
48) 2,6-Dinitrotoluene	13.910	165	429198	21.974	ng/ul	99
50) Acenaphthylene	14.051	152	2960362	20.372	ng/ul	99
51) 3-Nitroaniline	14.234	138	478814	21.597	ng/ul	99
52) Acenaphthene	14.393	153	1948276	20.693	ng/ul	89
53) 2,4-Dinitrophenol	14.440	184	157850	17.599	ng/ul	100
55) 4-Nitrophenol	14.540	109	310693	21.698	ng/ul	96
56) Dibenzofuran	14.728	168	2575460	20.490	ng/ul	99
57) 2,4-Dinitrotoluene	14.693	165	616530	23.561	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.951	232	467941	21.350	ng/ul	96
59) Diethylphthalate	15.163	149	2191369	22.692	ng/ul	98
61) Fluorene	15.375	166	2099016	21.319	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.381	204	994025	20.971	ng/ul	99
63) 4-Nitroaniline	15.398	138	459986	23.134	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.451	198	273921	18.798	ng/ul	99
67) N-Nitrosodiphenylamine	15.592	169	1774030	19.609	ng/ul	97
68) 4-Bromophenyl-phenylether	16.269	248	615930	19.905	ng/ul	91
69) Hexachlorobenzene	16.369	284	671954	20.120	ng/ul	99
70) Atrazine	16.545	200	505759	20.771	ng/ul	100
71) Pentachlorophenol	16.716	266	385567	20.241	ng/ul	96
72) Phenanthrene	17.116	178	3214043	20.607	ng/ul	99
74) Anthracene	17.204	178	3241754	20.716	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.116	216	853510	17.470	ng/ul	96
76) Pentachlorobenzene	14.640	250	807239	18.247	ng/ul	94
77) Carbazole	17.475	167	2867139	21.471	ng/ul	99
78) Di-n-butylphthalate	18.051	149	3508792	22.884	ng/ul	99
80) Fluoranthene	19.133	202	3319156	20.345	ng/ul	99
82) Pyrene	19.498	202	3421948	20.453	ng/ul	99
83) Butylbenzylphthalate	20.410	149	1303732	22.961	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.216	252	797821	19.719	ng/ul	99
85) Benzo(a)anthracene	21.286	228	2856714	20.189	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.222	149	1795285	23.091	ng/ul	99
87) Chrysene	21.345	228	2622541	20.065	ng/ul	98
89) Di-n-octyl phthalate	22.339	149	2518970	23.270	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	2254080	20.395	ng/ul	100
91) Benzo(k)fluoranthene	23.369	252	2305151	20.461	ng/ul	98
93) Benzo(a)pyrene	24.104	252	2172975	20.468	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.527	276	2514043m	19.731	ng/ul	
95) Dibenzo(a,h)anthracene	27.598	278	2056721	19.601	ng/ul	98
96) Benzo(g,h,i)perylene	28.562	276	2062086	19.588	ng/ul	98

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

