

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
 Data File : BN031751.D
 Acq On : 31 May 2024 20:53
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020269

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/03/2024
 Supervised By :mohammad ahmed 06/04/2024

Quant Time: Jun 01 05:22:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	586522	20.000	ng/ul	0.00
20) Naphthalene-d8	10.469	136	2629661	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.322	164	1590740	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.075	188	2834708	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	1624273	20.000	ng/ul	0.00
88) Perylene-d12	24.245	264	1890684	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	107827	7.606	ng/uL	0.00
4) Pyridine-d5	3.593	84	792961	19.869	ng/ul	0.00
7) Phenol-d5	6.852	99	1066348	21.208	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	601548	20.453	ng/ul	0.00
11) 2-Chlorophenol-d4	7.216	132	823860	21.474	ng/ul	0.00
15) 4-Methylphenol-d8	8.387	113	855287	20.867	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	432489	21.510	ng/ul	0.00
24) 2-Nitrophenol-d4	9.557	143	462754	22.280	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	816561	21.059	ng/ul	0.00
31) 4-Chloroaniline-d4	10.604	131	1121742	19.485	ng/ul	0.00
46) Dimethylphthalate-d6	13.740	166	2158341	19.476	ng/ul	0.00
49) Acenaphthylene-d8	14.016	160	2611740	20.496	ng/ul	0.00
54) 4-Nitrophenol-d4	14.534	143	396859	17.886	ng/ul	0.00
60) Fluorene-d10	15.322	176	1851423	19.745	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	250295	17.566	ng/ul	0.00
73) Anthracene-d10	17.169	188	2481008	20.443	ng/ul	0.00
81) Pyrene-d10	19.469	212	2204015	25.357	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.039	264	1818949	20.148	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	113728	7.497	ng/uL	96
5) Pyridine	3.617	79	791230	19.829	ng/ul	93
6) Benzaldehyde	6.834	77	356013	15.096	ng/ul	98
8) Phenol	6.881	94	1078990	21.086	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.116	93	890061	21.035	ng/ul	97
12) 2-Chlorophenol	7.246	128	851709	21.214	ng/ul	98
13) 2-Methylphenol	8.122	108	836586	21.167	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.205	45	966711	19.847	ng/ul	99
16) Acetophenone	8.505	105	1310940	21.105	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.493	70	637620	19.809	ng/ul	96
18) 4-Methylphenol	8.452	108	894053	20.868	ng/ul	98
19) Hexachloroethane	8.752	117	338121	19.888	ng/ul	93
22) Nitrobenzene	8.881	77	971995	20.290	ng/ul	97
23) Isophorone	9.405	82	1865007	18.979	ng/ul	99
25) 2-Nitrophenol	9.587	139	498062	21.949	ng/ul	96
26) 2,4-Dimethylphenol	9.646	107	903627	20.470	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.887	93	1191976	19.463	ng/ul	100
29) 2,4-Dichlorophenol	10.116	162	790786	20.655	ng/ul	99
30) Naphthalene	10.516	128	2787525	20.482	ng/ul	99
32) 4-Chloroaniline	10.634	127	1104206	19.756	ng/ul	100
33) Hexachlorobutadiene	10.793	225	476584	20.726	ng/ul	97
34) Caprolactam	11.410	113	265858m	17.790	ng/ul	
35) 4-Chloro-3-methylphenol	11.757	107	873804	19.526	ng/ul	100
36) 2-Methylnaphthalene	12.134	142	1868280	20.084	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.357	142	1836855	19.679	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.504	216	911147	21.658	ng/ul	99
40) Hexachlorocyclopentadiene	12.481	237	307987	12.702	ng/ul	98
41) 2,4,6-Trichlorophenol	12.751	196	620938	21.746	ng/ul	99
42) 2,4,5-Trichlorophenol	12.822	196	654304	21.086	ng/ul	96
43) 1,1'-Biphenyl	13.157	154	2328408	20.810	ng/ul	97
44) 2-Chloronaphthalene	13.193	162	1835937	20.950	ng/ul	98
45) 2-Nitroaniline	13.404	65	517148	20.358	ng/ul	94
47) Dimethylphthalate	13.787	163	2220315	19.590	ng/ul	100
48) 2,6-Dinitrotoluene	13.910	165	467992	20.774	ng/ul	97
50) Acenaphthylene	14.045	152	2989758	20.761	ng/ul	99
51) 3-Nitroaniline	14.240	138	477466	19.823	ng/ul	96
52) Acenaphthene	14.387	153	1930772	20.263	ng/ul	100
53) 2,4-Dinitrophenol	14.445	184	164450	14.459	ng/ul	97
55) 4-Nitrophenol	14.545	109	288937	17.554	ng/ul	97
56) Dibenzofuran	14.722	168	2623334	20.264	ng/ul	100
57) 2,4-Dinitrotoluene	14.698	165	638926	19.328	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.951	232	521328	20.085	ng/ul	99
59) Diethylphthalate	15.157	149	2206485	18.867	ng/ul	99
61) Fluorene	15.375	166	2065021	19.808	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.375	204	1013865	20.079	ng/ul	99
63) 4-Nitroaniline	15.404	138	473500	20.650	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.463	198	275137	18.164	ng/ul	100
67) N-Nitrosodiphenylamine	15.587	169	1780977	22.793	ng/ul	98
68) 4-Bromophenyl-phenylether	16.269	248	615114	22.396	ng/ul	95
69) Hexachlorobenzene	16.375	284	647809	20.810	ng/ul	96
70) Atrazine	16.545	200	497481	20.165	ng/ul	97
71) Pentachlorophenol	16.722	266	392678	19.716	ng/ul	97
72) Phenanthrene	17.116	178	2984014	20.664	ng/ul	97
74) Anthracene	17.204	178	2979406	20.362	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.116	216	914036	25.052	ng/ul	98
76) Pentachlorobenzene	14.640	250	813533	22.892	ng/ul	97
77) Carbazole	17.481	167	2582600	20.700	ng/ul	99
78) Di-n-butylphthalate	18.045	149	3570378	20.800	ng/ul	99
80) Fluoranthene	19.133	202	2756921	26.540	ng/ul	99
82) Pyrene	19.498	202	2701369	25.347	ng/ul	96
83) Butylbenzylphthalate	20.404	149	1222464	24.285	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.216	252	443840	14.250	ng/ul	99
85) Benzo(a)anthracene	21.286	228	2227419	20.488	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.216	149	1738275	23.689	ng/ul	97
87) Chrysene	21.345	228	2101189	20.691	ng/ul	100
89) Di-n-octyl phthalate	22.333	149	2643781	20.887	ng/ul	100
90) Benzo(b)fluoranthene	23.316	252	2207476	19.533	ng/ul	97
91) Benzo(k)fluoranthene	23.374	252	2113359	19.058	ng/ul	98
93) Benzo(a)pyrene	24.110	252	2113048	19.964	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.551	276	2613010	21.424	ng/ul	97
95) Dibenzo(a,h)anthracene	27.609	278	2171515	21.807	ng/ul	97
96) Benzo(g,h,i)perylene	28.580	276	2154422	22.221	ng/ul	97

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

