

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032024\
 Data File : BN030434.D
 Acq On : 20 Mar 2024 17:48
 Operator : MA/JU
 Sample : SSTD02022
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020248

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/21/2024
 Supervised By :mohammad ahmed 03/26/2024

Quant Time: Mar 21 00:18:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 21 00:01:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	423512	20.000	ng/u1	0.00
20) Naphthalene-d8	10.516	136	1863769	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.369	164	1181245	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.116	188	2406820	20.000	ng/u1	0.00
79) Chrysene-d12	21.363	240	2095404	20.000	ng/u1	0.00
88) Perylene-d12	24.327	264	2114322	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	90283	7.194	ng/uL	0.00
4) Pyridine-d5	3.623	84	646403	21.578	ng/u1	0.00
7) Phenol-d5	6.887	99	798861	21.260	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.069	67	498021	23.342	ng/u1	0.00
11) 2-Chlorophenol-d4	7.258	132	608851	20.227	ng/u1	0.00
15) 4-Methylphenol-d8	8.428	113	628042	21.206	ng/u1	0.00
21) Nitrobenzene-d5	8.881	128	288196	18.532	ng/u1	0.00
24) 2-Nitrophenol-d4	9.599	143	248758	15.257	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	581860	20.010	ng/u1	0.00
31) 4-Chloroaniline-d4	10.652	131	945049	21.897	ng/u1	0.00
46) Dimethylphthalate-d6	13.787	166	1817441	19.082	ng/u1	0.00
49) Acenaphthylene-d8	14.063	160	2138253	19.818	ng/u1	0.00
54) 4-Nitrophenol-d4	14.557	143	322403	19.092	ng/u1	0.00
60) Fluorene-d10	15.363	176	1565431	20.036	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	171416	11.403	ng/u1	0.00
73) Anthracene-d10	17.216	188	2382526	20.386	ng/u1	0.00
81) Pyrene-d10	19.516	212	2678477	20.128	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.127	264	2339731	21.127	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.252	88	93607	7.771	ng/uL	100
5) Pyridine	3.640	79	666756	21.877	ng/u1	100
6) Benzaldehyde	6.875	77	473725	27.050	ng/u1	100
8) Phenol	6.911	94	825179	22.069	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.158	93	685166	22.928	ng/u1	100
12) 2-Chlorophenol	7.287	128	631634	20.394	ng/u1	100
13) 2-Methylphenol	8.163	108	621624	22.174	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.252	45	904833	33.302	ng/u1	100
16) Acetophenone	8.546	105	1037745	21.800	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.540	70	541493	23.775	ng/u1	100
18) 4-Methylphenol	8.487	108	671361	22.665	ng/u1	100
19) Hexachloroethane	8.805	117	257156	17.872	ng/u1	100
22) Nitrobenzene	8.922	77	737776	18.384	ng/u1	100
23) Isophorone	9.446	82	1568462	22.608	ng/u1	100
25) 2-Nitrophenol	9.628	139	304419	17.331	ng/u1	100
26) 2,4-Dimethylphenol	9.693	107	693529	19.129	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.940	93	936748	23.020	ng/u1	100
29) 2,4-Dichlorophenol	10.157	162	577481	19.773	ng/u1	100
30) Naphthalene	10.563	128	2146742	20.178	ng/u1	100
32) 4-Chloroaniline	10.675	127	920124	21.920	ng/u1	100
33) Hexachlorobutadiene	10.852	225	347054	17.034	ng/u1	100
34) Caprolactam	11.434	113	223648m	25.716	ng/u1	
35) 4-Chloro-3-methylphenol	11.793	107	680146	20.580	ng/u1	100
36) 2-Methylnaphthalene	12.181	142	1462808	21.112	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.404	142	1434038	20.935	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.546	216	701188	18.798	ng/ul	100
40) Hexachlorocyclopentadiene	12.528	237	364262	13.037	ng/ul	100
41) 2,4,6-Trichlorophenol	12.793	196	438118	18.513	ng/ul	100
42) 2,4,5-Trichlorophenol	12.857	196	477636	18.469	ng/ul	100
43) 1,1'-Biphenyl	13.204	154	1875580	18.813	ng/ul	100
44) 2-Chloronaphthalene	13.240	162	1460066	18.857	ng/ul	100
45) 2-Nitroaniline	13.446	65	389422	17.445	ng/ul	100
47) Dimethylphthalate	13.840	163	1851303	19.126	ng/ul	100
48) 2,6-Dinitrotoluene	13.951	165	320413	17.141	ng/ul	100
50) Acenaphthylene	14.093	152	2492996	19.859	ng/ul	100
51) 3-Nitroaniline	14.275	138	360583	19.686	ng/ul	100
52) Acenaphthene	14.434	153	1614888	19.417	ng/ul	100
53) 2,4-Dinitrophenol	14.475	184	100848	9.601	ng/ul	100
55) 4-Nitrophenol	14.575	109	259159	13.537	ng/ul	100
56) Dibenzofuran	14.769	168	2153659	19.414	ng/ul	100
57) 2,4-Dinitrotoluene	14.734	165	471658	17.680	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.993	232	391076	18.790	ng/ul	100
59) Diethylphthalate	15.210	149	1876708	18.140	ng/ul	100
61) Fluorene	15.422	166	1781107	19.448	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.422	204	844793	19.269	ng/ul	100
63) 4-Nitroaniline	15.440	138	366750	21.626	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.492	198	209184	12.896	ng/ul	100
67) N-Nitrosodiphenylamine	15.634	169	1557933	20.516	ng/ul	100
68) 4-Bromophenyl-phenylether	16.316	248	502521	19.488	ng/ul	100
69) Hexachlorobenzene	16.416	284	602309	21.328	ng/ul	100
70) Atrazine	16.592	200	518934	19.856	ng/ul	100
71) Pentachlorophenol	16.757	266	354533	18.553	ng/ul	100
72) Phenanthrene	17.157	178	2797009	19.926	ng/ul	100
74) Anthracene	17.251	178	2884758	20.203	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.157	216	681840	18.977	ng/ul	100
76) Pentachlorobenzene	14.681	250	681244	20.332	ng/ul	100
77) Carbazole	17.522	167	2635859	20.787	ng/ul	100
78) Di-n-butylphthalate	18.110	149	3213894	18.240	ng/ul	100
80) Fluoranthene	19.181	202	3173487	19.462	ng/ul	100
82) Pyrene	19.545	202	3304092	19.715	ng/ul	100
83) Butylbenzylphthalate	20.469	149	1257787	15.666	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.275	252	960279	21.088	ng/ul	100
85) Benzo(a)anthracene	21.345	228	3153178	20.053	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.304	149	1956196	16.097	ng/ul	100
87) Chrysene	21.404	228	2970012	20.366	ng/ul	100
89) Di-n-octyl phthalate	22.445	149	3015796	15.238	ng/ul	100
90) Benzo(b)fluoranthene	23.392	252	2890370	20.734	ng/ul	100
91) Benzo(k)fluoranthene	23.463	252	2941350	20.429	ng/ul	100
93) Benzo(a)pyrene	24.198	252	2715443	20.581	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.686	276	2862107m	18.241	ng/ul	
95) Dibenzo(a,h)anthracene	27.751	278	2374355	18.562	ng/ul	100
96) Benzo(g,h,i)perylene	28.721	276	2272643	17.883	ng/ul	100

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

