

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030824\
 Data File : BN030352.D
 Acq On : 08 Mar 2024 12:15
 Operator : MA/JU
 Sample : SSTD04017
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD040242

Quant Time: Mar 08 14:33:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN030824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 08 12:19:03 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/11/2024
 Supervised By :mohammad ahmed 03/12/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	124112	20.000	ng/u1	0.00
20) Naphthalene-d8	10.593	136	523788	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.451	164	306050	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.210	188	619562	20.000	ng/u1	0.00
79) Chrysene-d12	21.433	240	448534	20.000	ng/u1	0.00
88) Perylene-d12	23.786	264	463013	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	59048	15.707	ng/uL	0.00
4) Pyridine-d5	3.675	84	355231	36.071	ng/u1	0.00
7) Phenol-d5	6.969	99	474678	40.674	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.146	67	269715	35.833	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	396655	46.228	ng/u1	0.00
15) 4-Methylphenol-d8	8.516	113	379387	43.151	ng/u1	0.00
21) Nitrobenzene-d5	8.969	128	193115	46.253	ng/u1	0.00
24) 2-Nitrophenol-d4	9.687	143	204939	53.779	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.216	165	361032	48.914	ng/u1	0.00
31) 4-Chloroaniline-d4	10.746	131	523044	42.791	ng/u1	0.00
46) Dimethylphthalate-d6	13.881	166	1074570	45.666	ng/u1	0.00
49) Acenaphthylene-d8	14.145	160	1232675	44.698	ng/u1	0.00
54) 4-Nitrophenol-d4	14.669	143	189637	42.574	ng/u1	0.00
60) Fluorene-d10	15.451	176	868609	43.806	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.586	200	164119	50.290	ng/u1	0.00
73) Anthracene-d10	17.316	188	1287570	43.188	ng/u1	0.00
81) Pyrene-d10	19.622	212	1282723	46.036	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.633	264	1073830	44.949	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	56497	14.701	ng/uL	98
5) Pyridine	3.699	79	362139	35.714	ng/u1	96
6) Benzaldehyde	6.946	77	239277	45.881	ng/u1	99
8) Phenol	6.993	94	475382	39.941	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.240	93	379272	38.576	ng/u1	98
12) 2-Chlorophenol	7.358	128	399858	44.461	ng/u1	99
13) 2-Methylphenol	8.246	108	358248	41.490	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.328	45	348445	28.668	ng/u1	99
16) Acetophenone	8.634	105	602395	42.853	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.628	70	301710	41.948	ng/u1	97
18) 4-Methylphenol	8.581	108	375676	40.989	ng/u1	94
19) Hexachloroethane	8.863	117	186236	44.883	ng/u1	97
22) Nitrobenzene	9.010	77	487353	41.818	ng/u1	98
23) Isophorone	9.534	82	867820	42.565	ng/u1	98
25) 2-Nitrophenol	9.716	139	221123	51.288	ng/u1	97
26) 2,4-Dimethylphenol	9.775	107	451301	45.370	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.028	93	498538	39.292	ng/u1	99
29) 2,4-Dichlorophenol	10.246	162	355228	46.793	ng/u1	99
30) Naphthalene	10.646	128	1265985	41.575	ng/u1	99
32) 4-Chloroaniline	10.769	127	508783	42.067	ng/u1	99
33) Hexachlorobutadiene	10.916	225	241414	50.838	ng/u1	98
34) Caprolactam	11.563	113	108148m	42.933	ng/u1	
35) 4-Chloro-3-methylphenol	11.893	107	427084	48.606	ng/u1	95
36) 2-Methylnaphthalene	12.263	142	853065	45.005	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.481	142	840898	44.648	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.628	216	420941	45.867	ng/ul	99
40) Hexachlorocyclopentadiene	12.598	237	295485	48.630	ng/ul	94
41) 2,4,6-Trichlorophenol	12.875	196	283041	51.868	ng/ul	98
42) 2,4,5-Trichlorophenol	12.945	196	302131	49.794	ng/ul	99
43) 1,1'-Biphenyl	13.287	154	1106129	42.483	ng/ul	97
44) 2-Chloronaphthalene	13.322	162	861623	42.629	ng/ul	99
45) 2-Nitroaniline	13.545	65	277351	46.386	ng/ul	99
47) Dimethylphthalate	13.928	163	1096838	45.484	ng/ul	100
48) 2,6-Dinitrotoluene	14.051	165	226142	51.768	ng/ul	98
50) Acenaphthylene	14.175	152	1439538	43.884	ng/ul	99
51) 3-Nitroaniline	14.375	138	209871	42.301	ng/ul	91
52) Acenaphthene	14.516	153	935990	43.178	ng/ul	97
53) 2,4-Dinitrophenol	14.587	184	117513	51.859	ng/ul	99
55) 4-Nitrophenol	14.687	109	212569	49.967	ng/ul	97
56) Dibenzofuran	14.857	168	1224036	42.515	ng/ul	98
57) 2,4-Dinitrotoluene	14.839	165	321215	51.577	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.081	232	242989	54.150	ng/ul	97
59) Diethylphthalate	15.298	149	1171458	46.720	ng/ul	99
61) Fluorene	15.510	166	1008594	43.754	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.510	204	480547	46.018	ng/ul	98
63) 4-Nitroaniline	15.545	138	197142m	43.305	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.604	198	178488	50.370	ng/ul	95
67) N-Nitrosodiphenylamine	15.728	169	839186	42.724	ng/ul	97
68) 4-Bromophenyl-phenylether	16.410	248	288811	47.084	ng/ul	97
69) Hexachlorobenzene	16.504	284	307973	44.838	ng/ul	92
70) Atrazine	16.692	200	284914	44.718	ng/ul	96
71) Pentachlorophenol	16.857	266	209633	50.922	ng/ul	98
72) Phenanthrene	17.257	178	1520255	41.640	ng/ul	98
74) Anthracene	17.345	178	1529685	41.729	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.245	216	393239	43.168	ng/uL	99
76) Pentachlorobenzene	14.769	250	367080	43.993	ng/uL	98
77) Carbazole	17.628	167	1329351	39.729	ng/ul	100
78) Di-n-butylphthalate	18.204	149	1936690	46.436	ng/ul	99
80) Fluoranthene	19.286	202	1598388	47.150	ng/ul	98
82) Pyrene	19.651	202	1600378	44.806	ng/ul	98
83) Butylbenzylphthalate	20.580	149	782706	51.370	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.363	252	402040	44.446	ng/ul	96
85) Benzo(a)anthracene	21.416	228	1424100	42.453	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.369	149	1150132	49.117	ng/ul	98
87) Chrysene	21.469	228	1301295	41.261	ng/ul	98
89) Di-n-octyl phthalate	22.292	149	1892340	47.735	ng/ul	100
90) Benzo(b)fluoranthene	23.074	252	1347884	44.446	ng/ul	96
91) Benzo(k)fluoranthene	23.121	252	1377991	44.286	ng/ul	98
93) Benzo(a)pyrene	23.686	252	1289404	44.996	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.215	276	1505059	44.061	ng/ul	96
95) Dibenzo(a,h)anthracene	26.239	278	1241587	44.724	ng/ul	100
96) Benzo(g,h,i)perylene	26.956	276	1224485	43.202	ng/ul	97

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

