

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111423\
 Data File : BN028590.D
 Acq On : 13 Nov 2023 21:45
 Operator : MA/JU
 Sample : SSTD04098
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD040221

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel
 11/16/2023

Supervised By :mohammad
 ahmed
 11/16/2023

Quant Time: Nov 14 04:42:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 14 04:07:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	236815	20.000	ng/u1	0.00
20) Naphthalene-d8	10.493	136	1170732	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.351	164	745963	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.098	188	1585294	20.000	ng/u1	0.00
79) Chrysene-d12	21.310	240	1174395	20.000	ng/u1	0.00
88) Perylene-d12	23.616	264	1133219	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	102355	16.105	ng/uL	0.00
4) Pyridine-d5	3.558	84	628577	38.149	ng/u1	0.00
7) Phenol-d5	6.887	99	950141	42.131	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	577938	42.843	ng/u1	0.00
11) 2-Chlorophenol-d4	7.234	132	816004	42.453	ng/u1	0.00
15) 4-Methylphenol-d8	8.428	113	790809	43.359	ng/u1	0.00
21) Nitrobenzene-d5	8.864	128	431489	45.225	ng/u1	0.00
24) 2-Nitrophenol-d4	9.581	143	481732	54.361	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.122	165	809613	39.569	ng/u1	0.00
31) 4-Chloroaniline-d4	10.640	131	1210596	39.303	ng/u1	0.00
46) Dimethylphthalate-d6	13.769	166	2685392	39.256	ng/u1	0.00
49) Acenaphthylene-d8	14.040	160	3041442	38.840	ng/u1	0.00
54) 4-Nitrophenol-d4	14.587	143	323523	32.144	ng/u1	0.00
60) Fluorene-d10	15.346	176	2151084	37.422	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	373027	51.388	ng/u1	0.00
73) Anthracene-d10	17.198	188	3364594	38.643	ng/u1	0.00
81) Pyrene-d10	19.504	212	3572734	43.559	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.469	264	2860427	42.816	ng/u1	0.00
Target Compounds	Qvalue					
2) 1,4-Dioxane	3.176	88	109156	15.991	ng/uL	96
5) Pyridine	3.576	79	637323	37.959	ng/u1	98
6) Benzaldehyde	6.846	77	432357	39.013	ng/u1	99
8) Phenol	6.917	94	958219	43.037	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.134	93	790366	42.853	ng/u1	98
12) 2-Chlorophenol	7.269	128	819181	42.254	ng/u1	97
13) 2-Methylphenol	8.158	108	744958	41.956	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.228	45	1205372	42.866	ng/u1	100
16) Acetophenone	8.528	105	1300903	44.916	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.516	70	644976	42.145	ng/u1	99
18) 4-Methylphenol	8.493	108	827498	43.650	ng/u1	94
19) Hexachloroethane	8.769	117	350663	43.916	ng/u1	97
22) Nitrobenzene	8.905	77	908431	40.400	ng/u1	99
23) Isophorone	9.428	82	1961358	39.446	ng/u1	99
25) 2-Nitrophenol	9.611	139	492319	48.584	ng/u1	98
26) 2,4-Dimethylphenol	9.687	107	948454	40.409	ng/u1	95
27) Bis(2-Chloroethoxy)met...	9.922	93	1153352	38.461	ng/u1	98
29) 2,4-Dichlorophenol	10.152	162	786261	39.361	ng/u1	98
30) Naphthalene	10.540	128	2914707	39.030	ng/u1	99
32) 4-Chloroaniline	10.663	127	1125888	38.464	ng/u1	99
33) Hexachlorobutadiene	10.828	225	540720	41.217	ng/u1	99
34) Caprolactam	11.446	113	257361m	38.989	ng/u1	
35) 4-Chloro-3-methylphenol	11.805	107	857706	39.460	ng/u1	99
36) 2-Methylnaphthalene	12.163	142	1947322	38.167	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.381	142	1986183	37.964	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.534	216	1020861	39.853	ng/ul	94
40) Hexachlorocyclopentadiene	12.510	237	540988	39.632	ng/ul	96
41) 2,4,6-Trichlorophenol	12.781	196	626733	40.060	ng/ul	99
42) 2,4,5-Trichlorophenol	12.857	196	701615	41.186	ng/ul	98
43) 1,1'-Biphenyl	13.181	154	2562770	38.850	ng/ul	98
44) 2-Chloronaphthalene	13.222	162	2096646	40.066	ng/ul	98
45) 2-Nitroaniline	13.440	65	590316	50.450	ng/ul	97
47) Dimethylphthalate	13.822	163	2637031	39.115	ng/ul	100
48) 2,6-Dinitrotoluene	13.940	165	549018	49.873	ng/ul	95
50) Acenaphthylene	14.069	152	3423681	39.128	ng/ul	99
51) 3-Nitroaniline	14.275	138	549502	43.887	ng/ul	99
52) Acenaphthene	14.410	153	2215173	38.585	ng/ul	99
53) 2,4-Dinitrophenol	14.481	184	118786	31.669	ng/ul#	73
55) 4-Nitrophenol	14.599	109	207611	30.085	ng/ul	99
56) Dibenzofuran	14.751	168	3076965	39.407	ng/ul	96
57) 2,4-Dinitrotoluene	14.722	165	778363	48.835	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.981	232	610354	42.704	ng/ul	98
59) Diethylphthalate	15.187	149	2674690	38.460	ng/ul	98
61) Fluorene	15.398	166	2516099	38.955	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.398	204	1225874	38.559	ng/ul	98
63) 4-Nitroaniline	15.446	138	539857m	42.621	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.487	198	392465	48.855	ng/ul#	90
67) N-Nitrosodiphenylamine	15.616	169	2125880	40.110	ng/ul	99
68) 4-Bromophenyl-phenylether	16.298	248	748838	39.763	ng/ul	91
69) Hexachlorobenzene	16.398	284	845326	38.722	ng/ul	97
70) Atrazine	16.575	200	699427	41.127	ng/ul	98
71) Pentachlorophenol	16.751	266	455737	38.329	ng/ul	98
72) Phenanthrene	17.140	178	3806741	38.486	ng/ul	100
74) Anthracene	17.234	178	3965367	39.708	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.146	216	1046225	41.938	ng/ul	100
76) Pentachlorobenzene	14.669	250	1036184	41.611	ng/ul	98
77) Carbazole	17.510	167	3454932	40.905	ng/ul	98
78) Di-n-butylphthalate	18.087	149	4434785	38.809	ng/ul	100
80) Fluoranthene	19.169	202	4234923	44.573	ng/ul	99
82) Pyrene	19.534	202	4340156	44.313	ng/ul	99
83) Butylbenzylphthalate	20.457	149	1827278	45.740	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.239	252	1124081	39.792	ng/ul	98
85) Benzo(a)anthracene	21.298	228	3651763	38.255	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.239	149	2518475	41.048	ng/ul	99
87) Chrysene	21.345	228	3769042	42.439	ng/ul	97
89) Di-n-octyl phthalate	22.139	149	4151856	48.507	ng/ul	100
90) Benzo(b)fluoranthene	22.916	252	3323984	40.101	ng/ul	99
91) Benzo(k)fluoranthene	22.963	252	3587845	42.918	ng/ul	97
93) Benzo(a)pyrene	23.516	252	3284141	42.277	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.986	276	3794070	43.273	ng/ul	98
95) Dibenzo(a,h)anthracene	26.004	278	3194289	43.854	ng/ul	99
96) Benzo(g,h,i)perylene	26.704	276	3069394	44.236	ng/ul	97

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

