

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101222\
 Data File : BN022063.D
 Acq On : 12 Oct 2022 13:57
 Operator : CG/JU
 Sample : SST04038
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST040248

Quant Time: Oct 13 02:16:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 13 02:12:15 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/13/2022
 Supervised By :mohammad ahmed 10/14/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	122901	20.000	ng/u1	0.00
20) Naphthalene-d8	10.793	136	613663	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.634	164	393242	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.392	188	817624	20.000	ng/u1	0.00
79) Chrysene-d12	21.592	240	782351	20.000	ng/u1	0.00
88) Perylene-d12	24.063	264	834526	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	52008	16.016	ng/uL	0.00
4) Pyridine-d5	3.693	84	418358	42.615	ng/u1	0.00
7) Phenol-d5	7.116	99	507352	42.698	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	313676	41.234	ng/u1	0.00
11) 2-Chlorophenol-d4	7.487	132	366558	44.722	ng/u1	0.00
15) 4-Methylphenol-d8	8.687	113	405717	43.220	ng/u1	0.00
21) Nitrobenzene-d5	9.146	128	199943	45.902	ng/u1	0.00
24) 2-Nitrophenol-d4	9.869	143	210482	47.400	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.410	165	378227	45.038	ng/u1	0.00
31) 4-Chloroaniline-d4	10.934	131	587281	41.411	ng/u1	0.00
46) Dimethylphthalate-d6	14.045	166	1160567	41.994	ng/u1	0.00
49) Acenaphthylene-d8	14.328	160	1321227	43.942	ng/u1	0.00
54) 4-Nitrophenol-d4	14.840	143	249149	42.815	ng/u1	0.00
60) Fluorene-d10	15.628	176	959668	41.019	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	200755	44.824	ng/u1	0.00
73) Anthracene-d10	17.492	188	1499852	42.474	ng/u1	0.00
81) Pyrene-d10	19.792	212	1616409	42.493	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.904	264	1771918	43.909	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	55286	15.715	ng/uL	96
5) Pyridine	3.711	79	416101	42.172	ng/u1	98
6) Benzaldehyde	7.093	77	272778	45.829	ng/u1	99
8) Phenol	7.146	94	533153	42.162	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.381	93	426201	42.268	ng/u1	99
12) 2-Chlorophenol	7.516	128	396086	43.923	ng/u1	98
13) 2-Methylphenol	8.410	108	404568	43.195	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.505	45	610299	40.479	ng/u1	99
16) Acetophenone	8.799	105	662979	42.991	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.787	70	359285	44.520	ng/u1	98
18) 4-Methylphenol	8.752	108	454259	43.211	ng/u1	96
19) Hexachloroethane	9.052	117	151242	41.835	ng/u1	99
22) Nitrobenzene	9.187	77	507667	42.419	ng/u1	99
23) Isophorone	9.716	82	1028458	43.969	ng/u1	99
25) 2-Nitrophenol	9.899	139	245658	46.674	ng/u1	100
26) 2,4-Dimethylphenol	9.963	107	484937	42.713	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.204	93	615717	41.576	ng/u1	99
29) 2,4-Dichlorophenol	10.440	162	389690	43.505	ng/u1	97
30) Naphthalene	10.846	128	1368788	41.097	ng/u1	99
32) 4-Chloroaniline	10.957	127	611877	40.987	ng/u1	100
33) Hexachlorobutadiene	11.122	225	202546	40.863	ng/u1	97
34) Caprolactam	11.751	113	149369m	42.873	ng/u1	
35) 4-Chloro-3-methylphenol	12.087	107	479566	44.006	ng/u1	98
36) 2-Methylnaphthalene	12.457	142	945341	41.688	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.681	142	947045	41.322	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.822	216	429104	42.752	ng/ul	98
40) Hexachlorocyclopentadiene	12.798	237	240384	45.516	ng/ul	95
41) 2,4,6-Trichlorophenol	13.069	196	300009	44.353	ng/ul	96
42) 2,4,5-Trichlorophenol	13.140	196	336690	45.235	ng/ul	96
43) 1,1'-Biphenyl	13.469	154	1165871	40.662	ng/ul	96
44) 2-Chloronaphthalene	13.510	162	927949	41.513	ng/ul	93
45) 2-Nitroaniline	13.722	65	320588	46.560	ng/ul	98
47) Dimethylphthalate	14.098	163	1250259	42.577	ng/ul	99
48) 2,6-Dinitrotoluene	14.216	165	256874	49.013	ng/ul	98
50) Acenaphthylene	14.357	152	1497865	43.352	ng/ul	98
51) 3-Nitroaniline	14.551	138	287786	45.586	ng/ul	98
52) Acenaphthene	14.698	153	1034810	41.162	ng/ul	98
53) 2,4-Dinitrophenol	14.751	184	162764	45.090	ng/ul	96
55) 4-Nitrophenol	14.857	109	198350	41.657	ng/ul	98
56) Dibenzofuran	15.034	168	1379595	40.711	ng/ul	98
57) 2,4-Dinitrotoluene	15.004	165	367254	46.344	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.263	232	284911	45.064	ng/ul	92
59) Diethylphthalate	15.457	149	1264064	41.519	ng/ul	99
61) Fluorene	15.687	166	1096275	39.136	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.681	204	512231	40.276	ng/ul	100
63) 4-Nitroaniline	15.716	138	272967	43.456	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.769	198	214587	44.651	ng/ul	97
67) N-Nitrosodiphenylamine	15.898	169	1003995	42.433	ng/ul	100
68) 4-Bromophenyl-phenylether	16.575	248	298119	40.562	ng/ul	92
69) Hexachlorobenzene	16.686	284	360525	41.373	ng/ul	96
70) Atrazine	16.851	200	343649	42.963	ng/ul	98
71) Pentachlorophenol	17.039	266	238072	45.012	ng/ul	87
72) Phenanthrene	17.434	178	1822735	40.940	ng/ul	97
74) Anthracene	17.528	178	1838967	41.479	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.434	216	438951	44.325	ng/uL	97
76) Pentachlorobenzene	14.957	250	458961	42.828	ng/uL	94
77) Carbazole	17.798	167	1752984	42.837	ng/ul	99
78) Di-n-butylphthalate	18.363	149	2197394	43.852	ng/ul	99
80) Fluoranthene	19.457	202	2058108	42.602	ng/ul	95
82) Pyrene	19.822	202	2101927	41.232	ng/ul	99
83) Butylbenzylphthalate	20.716	149	1030621	47.412	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.510	252	737704	43.367	ng/ul	98
85) Benzo(a)anthracene	21.574	228	2070458	42.126	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.492	149	1494082	47.335	ng/ul	99
87) Chrysene	21.633	228	1969933	40.736	ng/ul	98
89) Di-n-octyl phthalate	22.445	149	2696817	46.339	ng/ul	100
90) Benzo(b)fluoranthene	23.304	252	2197668	41.709	ng/ul	99
91) Benzo(k)fluoranthene	23.351	252	2220270	42.723	ng/ul	99
93) Benzo(a)pyrene	23.957	252	1991919	42.816	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.662	276	2464575	41.728	ng/ul	95
95) Dibenzo(a,h)anthracene	26.686	278	2254450	42.208	ng/ul#	94
96) Benzo(g,h,i)perylene	27.474	276	2273706m	42.708	ng/ul	

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

