

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121522\
 Data File : BN023215.D
 Acq On : 15 Dec 2022 14:18
 Operator : CG/JU
 Sample : SSTD02049
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020212

Quant Time: Dec 15 22:36:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 15 22:31:27 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/16/2022
 Supervised By :mohammad ahmed 12/16/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	290652	20.000	ng/u1	0.00
20) Naphthalene-d8	10.822	136	1370033	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.651	164	898827	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.398	188	1997598	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	1980022	20.000	ng/u1	0.00
88) Perylene-d12	24.039	264	2129819	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	55300	6.496	ng/uL	0.00
4) Pyridine-d5	3.775	84	395036	16.408	ng/u1	0.00
7) Phenol-d5	7.157	99	531295	19.354	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	323115	19.631	ng/u1	0.00
11) 2-Chlorophenol-d4	7.528	132	416085	20.697	ng/u1	0.00
15) 4-Methylphenol-d8	8.716	113	429801	19.832	ng/u1	0.00
21) Nitrobenzene-d5	9.175	128	213224	20.107	ng/u1	0.00
24) 2-Nitrophenol-d4	9.899	143	225236	19.035	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.440	165	423552	20.997	ng/u1	0.00
31) 4-Chloroaniline-d4	10.963	131	682973	22.227	ng/u1	0.00
46) Dimethylphthalate-d6	14.063	166	1343411	20.549	ng/u1	0.00
49) Acenaphthylene-d8	14.345	160	1522430	21.135	ng/u1	0.00
54) 4-Nitrophenol-d4	14.845	143	284287	21.813	ng/u1	0.00
60) Fluorene-d10	15.645	176	1135970	21.186	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	219323	17.273	ng/u1	0.00
73) Anthracene-d10	17.498	188	1820704	20.815	ng/u1	0.00
81) Pyrene-d10	19.786	212	2206872	21.507	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.874	264	2183120	20.391	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.381	88	57402	6.336	ng/uL	100
5) Pyridine	3.793	79	416990	17.468	ng/u1	100
6) Benzaldehyde	7.134	77	207169	14.916	ng/u1	100
8) Phenol	7.187	94	537608	18.803	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.422	93	436317	19.584	ng/u1	100
12) 2-Chlorophenol	7.563	128	428558	19.964	ng/u1	100
13) 2-Methylphenol	8.452	108	417013	19.595	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.534	45	561824	19.104	ng/u1	100
16) Acetophenone	8.834	105	688280	19.898	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.822	70	348000	18.877	ng/u1	100
18) 4-Methylphenol	8.781	108	462750	20.025	ng/u1	100
19) Hexachloroethane	9.093	117	165985	18.263	ng/u1	100
22) Nitrobenzene	9.216	77	511450	17.801	ng/u1	100
23) Isophorone	9.746	82	990718	18.027	ng/u1	100
25) 2-Nitrophenol	9.934	139	245479	18.870	ng/u1	100
26) 2,4-Dimethylphenol	9.993	107	496037	17.776	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.234	93	626224	19.760	ng/u1	100
29) 2,4-Dichlorophenol	10.469	162	419898	20.480	ng/u1	100
30) Naphthalene	10.875	128	1473372	20.262	ng/u1	100
32) 4-Chloroaniline	10.987	127	685200	21.353	ng/u1	100
33) Hexachlorobutadiene	11.163	225	240238	19.036	ng/u1	100
34) Caprolactam	11.757	113	152794m	19.644	ng/u1	
35) 4-Chloro-3-methylphenol	12.104	107	483552	18.083	ng/u1	100
36) 2-Methylnaphthalene	12.481	142	1000885	20.204	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.698	142	1044011	21.024	ng/u1	100
39) 1,2,4,5-Tetrachloroben...	12.845	216	504021	20.892	ng/u1	100
40) Hexachlorocyclopentadiene	12.828	237	280445	19.910	ng/u1	100
41) 2,4,6-Trichlorophenol	13.087	196	347903	20.310	ng/u1	100
42) 2,4,5-Trichlorophenol	13.157	196	385229	21.237	ng/u1	100
43) 1,1'-Biphenyl	13.487	154	1351945	20.492	ng/u1	100
44) 2-Chloronaphthalene	13.528	162	1042684	20.282	ng/u1	100
45) 2-Nitroaniline	13.734	65	310249	16.617	ng/u1	100
47) Dimethylphthalate	14.110	163	1348311	19.622	ng/u1	100
48) 2,6-Dinitrotoluene	14.228	165	269768	19.394	ng/u1	100
50) Acenaphthylene	14.375	152	1665618	20.698	ng/u1	100
51) 3-Nitroaniline	14.557	138	257159	17.170	ng/u1	100
52) Acenaphthene	14.716	153	1163915	20.385	ng/u1	100
53) 2,4-Dinitrophenol	14.757	184	137719	14.167	ng/u1	100
55) 4-Nitrophenol	14.857	109	214194	16.580	ng/u1	100
56) Dibenzofuran	15.051	168	1595731	21.153	ng/u1	100
57) 2,4-Dinitrotoluene	15.010	165	398600	19.678	ng/u1	100
58) 2,3,4,6-Tetrachlorophenol	15.275	232	335907	21.622	ng/u1	100
59) Diethylphthalate	15.469	149	1355300	18.609	ng/u1	100
61) Fluorene	15.698	166	1325492	21.040	ng/u1	100
62) 4-Chlorophenyl-phenyle...	15.692	204	631847	21.277	ng/u1	100
63) 4-Nitroaniline	15.722	138	254975	19.090	ng/u1	100
66) 4,6-Dinitro-2-methylph...	15.775	198	218985	16.686	ng/u1	100
67) N-Nitrosodiphenylamine	15.904	169	1126770	18.840	ng/u1	100
68) 4-Bromophenyl-phenylether	16.586	248	391836	19.919	ng/u1	100
69) Hexachlorobenzene	16.704	284	452248	19.667	ng/u1	100
70) Atrazine	16.857	200	397227	18.633	ng/u1	100
71) Pentachlorophenol	17.045	266	284954	19.504	ng/u1	100
72) Phenanthrene	17.439	178	2137904	19.856	ng/u1	100
74) Anthracene	17.533	178	2187986	20.062	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.451	216	501316	19.030	ng/uL	100
76) Pentachlorobenzene	14.969	250	508465	17.884	ng/uL	100
77) Carbazole	17.804	167	2052277	20.253	ng/u1	100
78) Di-n-butylphthalate	18.363	149	2357996	16.351	ng/u1	100
80) Fluoranthene	19.451	202	2514261	19.632	ng/u1	100
82) Pyrene	19.816	202	2685508	20.471	ng/u1	100
83) Butylbenzylphthalate	20.710	149	1142230	17.105	ng/u1	100
84) 3,3'-Dichlorobenzidine	21.498	252	908370	20.792	ng/u1	100
85) Benzo(a)anthracene	21.568	228	2695454	20.615	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.486	149	1618010	16.416	ng/u1	100
87) Chrysene	21.621	228	2574537	20.792	ng/u1	100
89) Di-n-octyl phthalate	22.427	149	2768339	14.779	ng/u1	100
90) Benzo(b)fluoranthene	23.280	252	2796055	19.372	ng/u1	100
91) Benzo(k)fluoranthene	23.333	252	2698369	19.695	ng/u1	100
93) Benzo(a)pyrene	23.927	252	2436974	19.919	ng/u1	100
94) Indeno(1,2,3-cd)pyrene	26.598	276	3024025	21.734	ng/u1	100
95) Dibenzo(a,h)anthracene	26.621	278	2525428	20.251	ng/u1	100
96) Benzo(g,h,i)perylene	27.392	276	2317649	19.104	ng/u1	100

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

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