

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030323\
 Data File : BN024123.D
 Acq On : 03 Mar 2023 11:39
 Operator : CG/JU
 Sample : SST08081
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST080249

Quant Time: Mar 03 23:08:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN030323.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 03 23:03:15 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/06/2023
 Supervised By : Jagrut Upadhyay 03/08/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	284664	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	1238278	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.698	164	733884	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	1565441	20.000	ng/ul	0.00
79) Chrysene-d12	21.633	240	1291946	20.000	ng/ul	0.00
88) Perylene-d12	24.168	264	1490832	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	219339	31.436	ng/uL	0.00
4) Pyridine-d5	3.834	84	1570981	85.334	ng/ul	0.00
7) Phenol-d5	7.216	99	2036098	88.885	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.387	67	1268198	90.236	ng/ul	0.00
11) 2-Chlorophenol-d4	7.593	132	1613828	84.477	ng/ul	0.00
15) 4-Methylphenol-d8	8.775	113	1620256	90.584	ng/ul	0.01
21) Nitrobenzene-d5	9.240	128	790205	89.508	ng/ul	0.01
24) 2-Nitrophenol-d4	9.963	143	880890	92.232	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.498	165	1551058	77.197	ng/ul	0.00
31) 4-Chloroaniline-d4	11.022	131	2215964	83.035	ng/ul	0.01
46) Dimethylphthalate-d6	14.116	166	4325460	77.561	ng/ul	0.01
49) Acenaphthylene-d8	14.398	160	5043648	74.626	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	911310	93.719	ng/ul	0.03
60) Fluorene-d10	15.692	176	3554396	73.358	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	776903	102.359	ng/ul	0.02
73) Anthracene-d10	17.551	188	5312799	71.613	ng/ul	0.01
81) Pyrene-d10	19.833	212	5844691	76.981	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.003	264	6097871	77.948	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.446	88	235428	31.012	ng/uL	97
5) Pyridine	3.852	79	1604127	85.277	ng/ul	98
6) Benzaldehyde	7.193	77	818685	71.595	ng/ul	99
8) Phenol	7.240	94	2084194	89.280	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.481	93	1673668	88.851	ng/ul	99
12) 2-Chlorophenol	7.622	128	1621367	83.879	ng/ul	99
13) 2-Methylphenol	8.504	108	1593370	90.389	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.598	45	2635848	102.536	ng/ul	99
16) Acetophenone	8.898	105	2338186	86.646	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.904	70	1175584	86.675	ng/ul	99
18) 4-Methylphenol	8.851	108	1718945	91.720	ng/ul	99
19) Hexachloroethane	9.157	117	653521	83.738	ng/ul	97
22) Nitrobenzene	9.281	77	1857106	85.385	ng/ul	96
23) Isophorone	9.822	82	3723490	83.595	ng/ul	97
25) 2-Nitrophenol	9.992	139	926687	87.681	ng/ul	98
26) 2,4-Dimethylphenol	10.051	107	1792702	78.769	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.292	93	2274984	83.713	ng/ul	98
29) 2,4-Dichlorophenol	10.528	162	1527127	77.283	ng/ul	98
30) Naphthalene	10.939	128	5100446	75.527	ng/ul	98
32) 4-Chloroaniline	11.045	127	2220610	83.501	ng/ul	98
33) Hexachlorobutadiene	11.222	225	900079	66.372	ng/ul	98
34) Caprolactam	11.845	113	536365m	91.409	ng/ul	
35) 4-Chloro-3-methylphenol	12.163	107	1701081	84.660	ng/ul	99
36) 2-Methylnaphthalene	12.539	142	3353053	76.783	ng/ul	98

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.757	142	3329806	77.115	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.904	216	1708306	67.892	ng/ul	98
40) Hexachlorocyclopentadiene	12.881	237	1071228	80.394	ng/ul	99
41) 2,4,6-Trichlorophenol	13.139	196	1218215	75.312	ng/ul	96
42) 2,4,5-Trichlorophenol	13.210	196	1336478	77.347	ng/ul	92
43) 1,1'-Biphenyl	13.539	154	4397010	73.605	ng/ul	97
44) 2-Chloronaphthalene	13.586	162	3464345	73.352	ng/ul	99
45) 2-Nitroaniline	13.786	65	1061106	121.600	ng/ul	96
47) Dimethylphthalate	14.163	163	4307293	77.635	ng/ul	99
48) 2,6-Dinitrotoluene	14.280	165	920622	121.336	ng/ul	94
50) Acenaphthylene	14.428	152	5204813	72.793	ng/ul	98
51) 3-Nitroaniline	14.610	138	871326	96.109	ng/ul	91
52) Acenaphthene	14.769	153	3587631	73.798	ng/ul	99
53) 2,4-Dinitrophenol	14.810	184	578963	110.554	ng/ul	92
55) 4-Nitrophenol	14.916	109	676019	88.407	ng/ul	89
56) Dibenzofuran	15.104	168	4968357	73.584	ng/ul	99
57) 2,4-Dinitrotoluene	15.063	165	1311511m	116.832	ng/ul	
58) 2,3,4,6-Tetrachlorophenol	15.322	232	1099989	76.535	ng/ul	98
59) Diethylphthalate	15.522	149	4414755	82.528	ng/ul	97
61) Fluorene	15.751	166	3506695	65.674	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.739	204	1702693	62.911	ng/ul	93
63) 4-Nitroaniline	15.780	138	798567	98.799	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.827	198	742135	95.850	ng/ul	97
67) N-Nitrosodiphenylamine	15.957	169	3421145	73.214	ng/ul	98
68) 4-Bromophenyl-phenylether	16.633	248	1241609	70.746	ng/ul	97
69) Hexachlorobenzene	16.751	284	1436781	70.606	ng/ul	99
70) Atrazine	16.910	200	1259974	79.880	ng/ul	97
71) Pentachlorophenol	17.092	266	971286	76.323	ng/ul	99
72) Phenanthrene	17.492	178	6146632	70.884	ng/ul	97
74) Anthracene	17.586	178	6117167	69.976	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.504	216	1759563	66.131	ng/ul	89
76) Pentachlorobenzene	15.022	250	1691225	68.475	ng/ul	93
77) Carbazole	17.851	167	5918482	78.497	ng/ul	99
78) Di-n-butylphthalate	18.416	149	7363757	85.437	ng/ul	99
80) Fluoranthene	19.504	202	6798945	75.776	ng/ul	97
82) Pyrene	19.868	202	6834054	73.920	ng/ul	95
83) Butylbenzylphthalate	20.762	149	2589611	182.158	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.551	252	2031078	75.617	ng/ul	93
85) Benzo(a)anthracene	21.615	228	6749558	74.391	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.539	149	3764183	143.922	ng/ul	97
87) Chrysene	21.680	228	6321776	73.114	ng/ul	96
89) Di-n-octyl phthalate	22.515	149	7921085	127.721	ng/ul	100
90) Benzo(b)fluoranthene	23.398	252	7709186	80.759	ng/ul	98
91) Benzo(k)fluoranthene	23.451	252	6967328	74.925	ng/ul	99
93) Benzo(a)pyrene	24.062	252	6538992	76.205	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.850	276	8104837m	71.214	ng/ul	
95) Dibenzo(a,h)anthracene	26.874	278	6486875m	69.567	ng/ul	
96) Benzo(g,h,i)perylene	27.668	276	6668992m	70.989	ng/ul	

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

