

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011922\
 Data File : BN018429.D
 Acq On : 19 Jan 2022 22:48
 Operator : CG/JU
 Sample : PB142140BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS140

Quant Time: Jan 20 02:40:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 07 01:31:51 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/20/2022
 Supervised By :mohammad ahmed 01/21/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	324180	20.000	ng/u1	0.00
20) Naphthalene-d8	10.369	136	1440892	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.234	164	862652	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.975	188	1799948	20.000	ng/u1	0.00
79) Chrysene-d12	21.174	240	1490166	20.000	ng/u1	# 0.00
88) Perylene-d12	23.392	264	1427718	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.064	96	49164m	6.096	ng/uL	0.00
4) Pyridine-d5	3.464	84	802555	31.800	ng/u1	0.00
7) Phenol-d5	6.775	99	1171157	37.172	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.928	67	693635	34.561	ng/u1	0.00
11) 2-Chlorophenol-d4	7.122	132	909257	39.399	ng/u1	0.00
15) 4-Methylphenol-d8	8.310	113	948300	38.132	ng/u1	0.00
21) Nitrobenzene-d5	8.740	128	443024	41.281	ng/u1	0.00
24) 2-Nitrophenol-d4	9.457	143	494630	43.118	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.999	165	868872	41.689	ng/u1	0.00
31) 4-Chloroaniline-d4	10.510	131	1057355	33.011	ng/u1	0.00
46) Dimethylphthalate-d6	13.651	166	2709350	43.241	ng/u1	0.00
49) Acenaphthylene-d8	13.922	160	3176748	40.106	ng/u1	0.00
54) 4-Nitrophenol-d4	14.451	143	482231	40.331	ng/u1	0.00
60) Fluorene-d10	15.228	176	2097051	39.669	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.363	200	411350	40.388	ng/u1	0.00
73) Anthracene-d10	17.075	188	3072946	36.862	ng/u1	0.00
81) Pyrene-d10	19.375	212	3763508	44.026	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.251	264	3267722	45.988	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.093	88	105482	11.626	ng/uL#	96
5) Pyridine	3.481	79	813156	30.980	ng/u1	93
6) Benzaldehyde	6.728	77	650864	32.526	ng/u1	98
8) Phenol	6.805	94	1165714	35.500	ng/u1#	87
10) Bis(2-Chloroethyl)ether	7.022	93	917682	34.662	ng/u1	95
12) 2-Chlorophenol	7.157	128	905536	37.183	ng/u1	93
13) 2-Methylphenol	8.040	108	896021	36.271	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.122	45	1081947	30.794	ng/u1#	94
16) Acetophenone	8.404	105	1311816	34.437	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.404	70	707750	34.005	ng/u1#	91
18) 4-Methylphenol	8.375	108	934686	35.262	ng/u1	98
19) Hexachloroethane	8.657	117	395852	39.191	ng/u1#	76
22) Nitrobenzene	8.781	77	1115359	39.340	ng/u1	99
23) Isophorone	9.304	82	2168365	38.081	ng/u1	98
25) 2-Nitrophenol	9.493	139	520287	40.741	ng/u1	96
26) 2,4-Dimethylphenol	9.563	107	1109670	39.181	ng/u1	94
27) Bis(2-Chloroethoxy)met...	9.793	93	1278241	36.087	ng/u1	100
29) 2,4-Dichlorophenol	10.022	162	848838	40.210	ng/u1	98
30) Naphthalene	10.416	128	2809715	35.640	ng/u1	99
32) 4-Chloroaniline	10.534	127	1021085	31.214	ng/u1	100
33) Hexachlorobutadiene	10.716	225	491439	42.691	ng/u1	99
34) Caprolactam	11.281	113	315734m	38.048	ng/u1	
35) 4-Chloro-3-methylphenol	11.675	107	1100680	41.663	ng/u1	91
36) 2-Methylnaphthalene	12.040	142	1939764	36.876	ng/u1	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011922\
 Data File : BN018429.D
 Acq On : 19 Jan 2022 22:48
 Operator : CG/JU
 Sample : PB142140BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS140

Quant Time: Jan 20 02:40:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 07 01:31:51 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/20/2022
 Supervised By :mohammad ahmed 01/21/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.257	142	1951642	35.653	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.416	216	913042	41.264	ng/ul#	94
40) Hexachlorocyclopentadiene	12.404	237	528119	41.557	ng/ul	96
41) 2,4,6-Trichlorophenol	12.663	196	657169	43.791	ng/ul	95
42) 2,4,5-Trichlorophenol	12.734	196	713539	44.854	ng/ul	96
43) 1,1'-Biphenyl	13.063	154	2617609	38.963	ng/ul	98
44) 2-Chloronaphthalene	13.104	162	1976885	39.380	ng/ul	93
45) 2-Nitroaniline	13.310	65	738795	47.021	ng/ul	98
47) Dimethylphthalate	13.704	163	2614397	41.111	ng/ul	99
48) 2,6-Dinitrotoluene	13.816	165	549478	45.595	ng/ul#	85
50) Acenaphthylene	13.951	152	3005032	36.001	ng/ul	98
51) 3-Nitroaniline	14.139	138	498720	36.811	ng/ul	96
52) Acenaphthene	14.298	153	1994412	36.261	ng/ul	99
53) 2,4-Dinitrophenol	14.351	184	282885	41.676	ng/ul#	74
55) 4-Nitrophenol	14.469	109	494089	48.368	ng/ul#	78
56) Dibenzofuran	14.634	168	2897091	37.983	ng/ul#	86
57) 2,4-Dinitrotoluene	14.604	165	773502	44.610	ng/ul#	79
58) 2,3,4,6-Tetrachlorophenol	14.869	232	565234	44.078	ng/ul#	77
59) Diethylphthalate	15.075	149	2805114	42.727	ng/ul	96
61) Fluorene	15.286	166	2146947	36.550	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.281	204	989818	37.686	ng/ul#	77
63) 4-Nitroaniline	15.310	138	496911	41.118	ng/ul#	82
66) 4,6-Dinitro-2-methylph...	15.375	198	404670	38.979	ng/ul#	83
67) N-Nitrosodiphenylamine	15.498	169	2015603	36.128	ng/ul	97
68) 4-Bromophenyl-phenylether	16.175	248	698284	40.006	ng/ul#	80
69) Hexachlorobenzene	16.292	284	841991	40.241	ng/ul#	89
70) Atrazine	16.457	200	767739	41.964	ng/ul	92
71) Pentachlorophenol	16.633	266	483495	40.482	ng/ul	97
72) Phenanthrene	17.022	178	3742485	36.589	ng/ul	98
74) Anthracene	17.110	178	3462747	34.103	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.028	216	949802	36.956	ng/uL	99
76) Pentachlorobenzene	14.563	250	926873	38.573	ng/uL	97
77) Carbazole	17.380	167	3404343	38.092	ng/ul#	95
78) Di-n-butylphthalate	17.963	149	4825900	43.926	ng/ul#	98
80) Fluoranthene	19.045	202	4524643	43.668	ng/ul	97
82) Pyrene	19.404	202	4192210	39.710	ng/ul#	94
83) Butylbenzylphthalate	20.322	149	2272020	51.915	ng/ul#	95
84) 3,3'-Dichlorobenzidine	21.098	252	1308896	45.567	ng/ul#	98
85) Benzo(a)anthracene	21.157	228	4003715	41.045	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.110	149	3369110	50.613	ng/ul#	94
87) Chrysene	21.210	228	3703442	38.552	ng/ul	97
89) Di-n-octyl phthalate	21.986	149	5781737	56.515	ng/ul	100
90) Benzo(b)fluoranthene	22.727	252	4316439m	47.160	ng/ul	
91) Benzo(k)fluoranthene	22.774	252	3822901	45.038	ng/ul#	98
93) Benzo(a)pyrene	23.298	252	3682176	42.187	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	25.651	276	3898565	40.387	ng/ul#	91
95) Dibenzo(a,h)anthracene	25.662	278	3207023	39.401	ng/ul#	97
96) Benzo(g,h,i)perylene	26.333	276	3252685	40.215	ng/ul	96

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

