

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012523\
 Data File : BN023792.D
 Acq On : 25 Jan 2023 13:16
 Operator : CG/JU
 Sample : PB150438BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS438

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/26/2023
 Supervised By :mohammad ahmed 01/27/2023

Quant Time: Jan 25 22:46:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 25 22:45:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	196231	20.000	ng/u1	0.00
20) Naphthalene-d8	10.693	136	803236	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.534	164	403219	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.281	188	1020401	20.000	ng/u1	0.00
79) Chrysene-d12	21.480	240	1007110	20.000	ng/u1	0.00
88) Perylene-d12	23.880	264	1072047	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	28921	6.342	ng/uL	0.00
4) Pyridine-d5	3.693	84	318546	23.283	ng/u1	0.00
7) Phenol-d5	7.052	99	537701	30.918	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	330084	30.938	ng/u1	0.00
11) 2-Chlorophenol-d4	7.416	132	431823	32.420	ng/u1	0.00
15) 4-Methylphenol-d8	8.605	113	416719	30.020	ng/u1	0.00
21) Nitrobenzene-d5	9.057	128	205352	33.903	ng/u1	0.00
24) 2-Nitrophenol-d4	9.781	143	227803	35.528	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	405443	33.151	ng/u1	0.00
31) 4-Chloroaniline-d4	10.840	131	387810	20.159	ng/u1	0.00
46) Dimethylphthalate-d6	13.951	166	1005601	33.526	ng/u1	0.00
49) Acenaphthylene-d8	14.228	160	1119227	33.677	ng/u1	0.00
54) 4-Nitrophenol-d4	14.739	143	202720	33.198	ng/u1	0.00
60) Fluorene-d10	15.528	176	979587	38.220	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	206270	33.510	ng/u1	0.00
73) Anthracene-d10	17.381	188	1529867	33.504	ng/u1	0.00
81) Pyrene-d10	19.675	212	1832078	31.808	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.733	264	1801132	33.974	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	57308	11.905	ng/uL	99
5) Pyridine	3.711	79	399467	28.521	ng/u1	96
6) Benzaldehyde	7.022	77	332457	49.360	ng/u1	99
8) Phenol	7.075	94	537632	30.369	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.310	93	424234	30.328	ng/u1	99
12) 2-Chlorophenol	7.446	128	428279	31.115	ng/u1	100
13) 2-Methylphenol	8.334	108	397720	29.853	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.422	45	562914	30.089	ng/u1	99
16) Acetophenone	8.716	105	624421	29.104	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.705	70	322571	29.860	ng/u1	98
18) 4-Methylphenol	8.669	108	429998	29.308	ng/u1	97
19) Hexachloroethane	8.963	117	174726	31.739	ng/u1	94
22) Nitrobenzene	9.099	77	494975	32.652	ng/u1	98
23) Isophorone	9.628	82	880442	32.114	ng/u1	99
25) 2-Nitrophenol	9.810	139	239261	33.570	ng/u1	99
26) 2,4-Dimethylphenol	9.869	107	456546	31.564	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.110	93	553203	31.109	ng/u1	99
29) 2,4-Dichlorophenol	10.346	162	387051	31.628	ng/u1	97
30) Naphthalene	10.746	128	1335952	30.939	ng/u1	100
32) 4-Chloroaniline	10.863	127	495924	25.740	ng/u1	96
33) Hexachlorobutadiene	11.028	225	238293	31.482	ng/u1	99
34) Caprolactam	11.646	113	125468m	30.527	ng/u1	
35) 4-Chloro-3-methylphenol	11.987	107	421897	31.619	ng/u1	99
36) 2-Methylnaphthalene	12.357	142	879832	30.566	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.581	142	898401	30.550	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.728	216	454945	38.149	ng/u1	99
40) Hexachlorocyclopentadiene	12.704	237	286881	38.169	ng/u1	96
41) 2,4,6-Trichlorophenol	12.969	196	264912	33.700	ng/u1	93
42) 2,4,5-Trichlorophenol	13.040	196	305982	35.593	ng/u1	91
43) 1,1'-Biphenyl	13.369	154	1005517	32.323	ng/u1	100
44) 2-Chloronaphthalene	13.410	162	797475	33.042	ng/u1	98
45) 2-Nitroaniline	13.622	65	261050	39.222	ng/u1	98
47) Dimethylphthalate	13.998	163	981884	32.577	ng/u1	100
48) 2,6-Dinitrotoluene	14.122	165	203037	35.633	ng/u1	98
50) Acenaphthylene	14.257	152	1189355	32.185	ng/u1	99
51) 3-Nitroaniline	14.445	138	205043	35.910	ng/u1	98
52) Acenaphthene	14.598	153	841686	32.307	ng/u1	98
53) 2,4-Dinitrophenol	14.651	184	103295	27.737	ng/u1	95
55) 4-Nitrophenol	14.757	109	167552	33.977	ng/u1	98
56) Dibenzofuran	14.934	168	1251081	34.499	ng/u1	96
57) 2,4-Dinitrotoluene	14.904	165	317565	38.177	ng/u1	98
58) 2,3,4,6-Tetrachlorophenol	15.157	232	262156	35.588	ng/u1	99
59) Diethylphthalate	15.363	149	1122906	37.192	ng/u1	100
61) Fluorene	15.581	166	1080666	36.800	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.575	204	530212	37.088	ng/u1	98
63) 4-Nitroaniline	15.610	138	267399	50.864	ng/u1	98
66) 4,6-Dinitro-2-methylph...	15.669	198	193352	31.829	ng/u1	100
67) N-Nitrosodiphenylamine	15.792	169	937600	32.742	ng/u1	98
68) 4-Bromophenyl-phenylether	16.469	248	342570	33.493	ng/u1	96
69) Hexachlorobenzene	16.586	284	391281	32.646	ng/u1	99
70) Atrazine	16.745	200	344570	32.151	ng/u1	97
71) Pentachlorophenol	16.928	266	241379	31.555	ng/u1	96
72) Phenanthrene	17.328	178	1762405	32.234	ng/u1	99
74) Anthracene	17.416	178	1732465	31.838	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.334	216	410053	29.848	ng/uL	97
76) Pentachlorobenzene	14.851	250	403131	29.295	ng/uL	95
77) Carbazole	17.686	167	1646507	33.325	ng/u1	99
78) Di-n-butylphthalate	18.251	149	2040575	34.786	ng/u1	100
80) Fluoranthene	19.339	202	2108340	31.296	ng/u1	97
82) Pyrene	19.704	202	2179537	30.630	ng/u1	100
83) Butylbenzylphthalate	20.604	149	991880	35.209	ng/u1	96
84) 3,3'-Dichlorobenzidine	21.398	252	743917	33.814	ng/u1	93
85) Benzo(a)anthracene	21.463	228	2237349	32.796	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.386	149	1463658	35.784	ng/u1	97
87) Chrysene	21.516	228	2086110	32.614	ng/u1	99
89) Di-n-octyl phthalate	22.316	149	2501861	33.814	ng/u1	100
90) Benzo(b)fluoranthene	23.151	252	2380369	34.857	ng/u1	98
91) Benzo(k)fluoranthene	23.204	252	2096702	31.042	ng/u1	98
93) Benzo(a)pyrene	23.780	252	1949822	32.923	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.380	276	2125314	29.037	ng/u1	98
95) Dibenzo(a,h)anthracene	26.398	278	1720943	28.436	ng/u1	97
96) Benzo(g,h,i)perylene	27.156	276	1837937	31.531	ng/u1	99

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

