

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
 Data File : BN023935.D
 Acq On : 03 Feb 2023 10:15
 Operator : CG/JU
 Sample : PB150528BS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS528

Quant Time: Feb 03 21:50:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 02 02:10:45 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/06/2023
 Supervised By :mohammad ahmed 02/06/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	179110	20.000	ng/u1	0.00
20) Naphthalene-d8	10.657	136	755169	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.504	164	482977	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.251	188	1064747	20.000	ng/u1	0.00
79) Chrysene-d12	21.445	240	895806	20.000	ng/u1	0.00
88) Perylene-d12	23.845	264	829352	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	23235	5.236	ng/uL	0.00
4) Pyridine-d5	3.658	84	317899	25.638	ng/u1	0.00
7) Phenol-d5	7.016	99	428371	27.388	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	268491	27.162	ng/u1	0.00
11) 2-Chlorophenol-d4	7.381	132	342548	28.010	ng/u1	0.00
15) 4-Methylphenol-d8	8.575	113	338320	27.267	ng/u1	0.00
21) Nitrobenzene-d5	9.022	128	166731	27.212	ng/u1	0.00
24) 2-Nitrophenol-d4	9.740	143	191403	27.455	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	366318	28.141	ng/u1	0.00
31) 4-Chloroaniline-d4	10.804	131	412976	23.255	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	1096443	28.435	ng/u1	0.00
49) Acenaphthylene-d8	14.198	160	1190243	28.535	ng/u1	0.00
54) 4-Nitrophenol-d4	14.716	143	190843	27.299	ng/u1	0.00
60) Fluorene-d10	15.498	176	911089	28.185	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	202709	26.904	ng/u1	0.00
73) Anthracene-d10	17.351	188	1413489	28.515	ng/u1	0.00
81) Pyrene-d10	19.645	212	1580849	29.067	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.680	264	1304291	30.301	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.275	88	45330	9.916	ng/uL#	85
5) Pyridine	3.681	79	318489	25.563	ng/u1	95
6) Benzaldehyde	6.987	77	248965	36.606	ng/u1	99
8) Phenol	7.046	94	430182	27.359	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.275	93	348818	27.229	ng/u1	100
12) 2-Chlorophenol	7.410	128	337652	27.284	ng/u1	98
13) 2-Methylphenol	8.299	108	323793	27.141	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.387	45	436529	26.685	ng/u1	98
16) Acetophenone	8.681	105	522625	27.197	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.669	70	285787	27.092	ng/u1	99
18) 4-Methylphenol	8.634	108	358232	27.721	ng/u1	98
19) Hexachloroethane	8.928	117	142357	27.466	ng/u1	98
22) Nitrobenzene	9.063	77	425044	27.634	ng/u1	99
23) Isophorone	9.593	82	784861	27.035	ng/u1	98
25) 2-Nitrophenol	9.775	139	198858	27.468	ng/u1	97
26) 2,4-Dimethylphenol	9.840	107	398063	27.766	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.075	93	481104	27.126	ng/u1	99
29) 2,4-Dichlorophenol	10.310	162	353325	28.128	ng/u1	98
30) Naphthalene	10.710	128	1104523	27.007	ng/u1	100
32) 4-Chloroaniline	10.828	127	412087	23.316	ng/u1	100
33) Hexachlorobutadiene	10.993	225	241898	27.481	ng/u1	99
34) Caprolactam	11.616	113	105494m	26.876	ng/u1	
35) 4-Chloro-3-methylphenol	11.957	107	375966	27.923	ng/u1	97
36) 2-Methylnaphthalene	12.322	142	773860	27.848	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.540	142	785810	27.641	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.692	216	469934	28.318	ng/ul	99
40) Hexachlorocyclopentadiene	12.663	237	303560	25.408	ng/ul	95
41) 2,4,6-Trichlorophenol	12.934	196	303654	27.733	ng/ul	100
42) 2,4,5-Trichlorophenol	13.004	196	337835	28.485	ng/ul	100
43) 1,1'-Biphenyl	13.334	154	1049986	27.588	ng/ul	99
44) 2-Chloronaphthalene	13.375	162	831111	28.065	ng/ul	97
45) 2-Nitroaniline	13.592	65	249348	28.042	ng/ul	95
47) Dimethylphthalate	13.963	163	1084563	28.341	ng/ul	99
48) 2,6-Dinitrotoluene	14.092	165	225120	29.672	ng/ul	93
50) Acenaphthylene	14.222	152	1240008	27.678	ng/ul	99
51) 3-Nitroaniline	14.416	138	194967	28.547	ng/ul	97
52) Acenaphthene	14.569	153	867656	27.899	ng/ul	99
53) 2,4-Dinitrophenol	14.622	184	130874	24.538	ng/ul	99
55) 4-Nitrophenol	14.733	109	165366	27.825	ng/ul	96
56) Dibenzofuran	14.904	168	1253684	28.258	ng/ul	99
57) 2,4-Dinitrotoluene	14.875	165	313413	29.197	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.128	232	295294	27.919	ng/ul#	94
59) Diethylphthalate	15.333	149	1057264	27.805	ng/ul	98
61) Fluorene	15.551	166	1006099	27.730	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.545	204	543912	28.576	ng/ul	98
63) 4-Nitroaniline	15.586	138	204207	32.944	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.639	198	195003	26.881	ng/ul	100
67) N-Nitrosodiphenylamine	15.763	169	866365	28.180	ng/ul	97
68) 4-Bromophenyl-phenylether	16.439	248	350867	28.136	ng/ul	96
69) Hexachlorobenzene	16.551	284	406368	28.207	ng/ul	95
70) Atrazine	16.722	200	339130	27.453	ng/ul	98
71) Pentachlorophenol	16.898	266	242981	26.342	ng/ul	95
72) Phenanthrene	17.292	178	1604814	27.985	ng/ul	98
74) Anthracene	17.386	178	1592969	27.871	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.298	216	460419	28.106	ng/ul	97
76) Pentachlorobenzene	14.822	250	462390	28.305	ng/ul	99
77) Carbazole	17.663	167	1399894	27.951	ng/ul	98
78) Di-n-butylphthalate	18.222	149	1780713	16.588	ng/ul	99
80) Fluoranthene	19.310	202	1894574	29.840	ng/ul	99
82) Pyrene	19.674	202	1861545	28.825	ng/ul	98
83) Butylbenzylphthalate	20.574	149	760935	28.252	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.368	252	568757	27.033	ng/ul	96
85) Benzo(a)anthracene	21.427	228	1797824	28.961	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.357	149	1129194	28.418	ng/ul	98
87) Chrysene	21.480	228	1682905	29.380	ng/ul	95
89) Di-n-octyl phthalate	22.280	149	1790080	28.695	ng/ul	100
90) Benzo(b)fluoranthene	23.115	252	1696579	29.662	ng/ul	98
91) Benzo(k)fluoranthene	23.157	252	1588560	29.410	ng/ul	98
93) Benzo(a)pyrene	23.739	252	1418149	29.470	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.327	276	1664039	28.657	ng/ul	96
95) Dibenzo(a,h)anthracene	26.345	278	1426117	29.695	ng/ul	99
96) Benzo(g,h,i)perylene	27.103	276	1347739	29.476	ng/ul	97

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

