

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122222\
 Data File : BP013241.D
 Acq On : 22 Dec 2022 12:14
 Operator : CG/JU
 Sample : PB149826BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS826

Quant Time: Dec 22 21:45:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 21 23:38:37 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	496810	20.000	ng/u1	0.00
20) Naphthalene-d8	10.763	136	2030173	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.587	164	1178998	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.345	188	2123170	20.000	ng/u1	0.00
79) Chrysene-d12	21.433	240	1825087	20.000	ng/u1	0.00
88) Perylene-d12	23.910	264	2114996	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	72134	6.208	ng/uL	0.00
4) Pyridine-d5	3.758	84	1043543	31.616	ng/u1	0.00
7) Phenol-d5	7.105	99	1390501	34.362	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	855538	35.047	ng/u1	0.00
11) 2-Chlorophenol-d4	7.475	132	1096984	34.436	ng/u1	0.00
15) 4-Methylphenol-d8	8.658	113	1088255	32.821	ng/u1	0.00
21) Nitrobenzene-d5	9.116	128	529949	35.528	ng/u1	0.00
24) 2-Nitrophenol-d4	9.840	143	603325	35.928	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	1138807	34.914	ng/u1	0.00
31) 4-Chloroaniline-d4	10.899	131	1302187	28.279	ng/u1	0.00
46) Dimethylphthalate-d6	13.998	166	2897618	31.979	ng/u1	0.00
49) Acenaphthylene-d8	14.287	160	3445258	34.603	ng/u1	0.00
54) 4-Nitrophenol-d4	14.787	143	447607	27.462	ng/u1	0.00
60) Fluorene-d10	15.581	176	2448247	31.937	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.704	200	430494	31.508	ng/u1	0.00
73) Anthracene-d10	17.445	188	3342091	34.891	ng/u1	0.00
81) Pyrene-d10	19.675	212	3477604	33.196	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.751	264	3770083	35.762	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.370	88	153463	12.652	ng/uL	94
5) Pyridine	3.781	79	1103139	33.628	ng/u1	99
6) Benzaldehyde	7.081	77	868101	54.786	ng/u1	96
8) Phenol	7.134	94	1468296	35.886	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.369	93	1170450	34.854	ng/u1	96
12) 2-Chlorophenol	7.511	128	1156661	35.407	ng/u1	97
13) 2-Methylphenol	8.393	108	1090225	34.178	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.481	45	1737874m	37.713	ng/u1	
16) Acetophenone	8.775	105	1753011	34.481	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.763	70	882018	34.500	ng/u1	95
18) 4-Methylphenol	8.722	108	1195321	33.832	ng/u1	97
19) Hexachloroethane	9.034	117	448959	34.392	ng/u1	97
22) Nitrobenzene	9.158	77	1311001	37.455	ng/u1	97
23) Isophorone	9.687	82	2414426	34.114	ng/u1	98
25) 2-Nitrophenol	9.875	139	665530	36.577	ng/u1	95
26) 2,4-Dimethylphenol	9.928	107	1267232	35.695	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.169	93	1555566	34.374	ng/u1	100
29) 2,4-Dichlorophenol	10.405	162	1143114	35.777	ng/u1	99
30) Naphthalene	10.810	128	3687282	34.728	ng/u1	100
32) 4-Chloroaniline	10.922	127	1294658	28.412	ng/u1	99
33) Hexachlorobutadiene	11.093	225	791320	36.071	ng/u1	99
34) Caprolactam	11.710	113	284964m	26.157	ng/u1	
35) 4-Chloro-3-methylphenol	12.046	107	1102699	33.818	ng/u1	98
36) 2-Methylnaphthalene	12.416	142	2465960	33.855	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.634	142	2435574	32.514	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.781	216	1474301	38.834	ng/u1	98
40) Hexachlorocyclopentadiene	12.757	237	661493	26.776	ng/u1	99
41) 2,4,6-Trichlorophenol	13.022	196	912157	37.386	ng/u1	100
42) 2,4,5-Trichlorophenol	13.093	196	968586	36.959	ng/u1	99
43) 1,1'-Biphenyl	13.422	154	3254274	36.752	ng/u1	99
44) 2-Chloronaphthalene	13.469	162	2574213	36.938	ng/u1	99
45) 2-Nitroaniline	13.675	65	659260	39.017	ng/u1	98
47) Dimethylphthalate	14.046	163	2980835	33.191	ng/u1	100
48) 2,6-Dinitrotoluene	14.169	165	587250	35.185	ng/u1	100
50) Acenaphthylene	14.310	152	3791597	35.421	ng/u1	100
51) 3-Nitroaniline	14.498	138	527810	33.491	ng/u1	98
52) Acenaphthene	14.651	153	2601757	35.075	ng/u1	99
53) 2,4-Dinitrophenol	14.704	184	277879	24.357	ng/u1	99
55) 4-Nitrophenol	14.804	109	345895	31.102	ng/u1	96
56) Dibenzofuran	14.987	168	3603389	34.167	ng/u1	99
57) 2,4-Dinitrotoluene	14.951	165	792380	32.684	ng/u1	95
58) 2,3,4,6-Tetrachlorophenol	15.216	232	767720	32.100	ng/u1	99
59) Diethylphthalate	15.404	149	2691310	30.827	ng/u1	100
61) Fluorene	15.640	166	2832192	33.485	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.628	204	1518382	33.946	ng/u1	99
63) 4-Nitroaniline	15.663	138	525730	37.910	ng/u1	95
66) 4,6-Dinitro-2-methylph...	15.716	198	444536	33.294	ng/u1#	94
67) N-Nitrosodiphenylamine	15.845	169	2327786	39.546	ng/u1	100
68) 4-Bromophenyl-phenylether	16.528	248	876849	38.029	ng/u1	97
69) Hexachlorobenzene	16.645	284	1008736	36.845	ng/u1	99
70) Atrazine	16.798	200	760494	33.154	ng/u1	100
71) Pentachlorophenol	16.992	266	566254	34.153	ng/u1	100
72) Phenanthrene	17.387	178	3991996	36.098	ng/u1	100
74) Anthracene	17.481	178	4034774	36.540	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.387	216	1466996	48.429	ng/uL	100
76) Pentachlorobenzene	14.904	250	1303409	42.203	ng/uL	99
77) Carbazole	17.751	167	3358814	36.119	ng/u1	100
78) Di-n-butylphthalate	18.292	149	3641197	32.159	ng/u1	100
80) Fluoranthene	19.351	202	4212758	35.431	ng/u1	99
82) Pyrene	19.704	202	4378184	35.696	ng/u1	100
83) Butylbenzylphthalate	20.569	149	1348552	28.461	ng/u1	97
84) 3,3'-Dichlorobenzidine	21.345	252	1367759	33.174	ng/u1	99
85) Benzo(a)anthracene	21.416	228	4504866	37.182	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.327	149	1777888	26.599	ng/u1	100
87) Chrysene	21.475	228	4258264	37.165	ng/u1	99
89) Di-n-octyl phthalate	22.274	149	3221079	27.185	ng/u1	100
90) Benzo(b)fluoranthene	23.151	252	4878198	36.170	ng/u1	100
91) Benzo(k)fluoranthene	23.198	252	4828071	36.102	ng/u1	99
93) Benzo(a)pyrene	23.798	252	4409705	37.551	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.504	276	5924259	40.500	ng/u1	99
95) Dibenzo(a,h)anthracene	26.515	278	4996514	41.256	ng/u1	100
96) Benzo(g,h,i)perylene	27.304	276	4886971	41.615	ng/u1	99

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

