

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
 Data File : BP012261.D
 Acq On : 22 Oct 2022 00:07
 Operator : CG/JU
 Sample : PB148371BS
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS371

Quant Time: Oct 22 01:13:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 20 00:51:41 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
 Supervised By :mohammad ahmed 10/24/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	444271	20.000	ng/u1	0.00
20) Naphthalene-d8	10.628	136	1851146	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.469	164	1062097	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.233	188	1867356	20.000	ng/u1	0.00
79) Chrysene-d12	21.321	240	1511786	20.000	ng/u1	-0.01
88) Perylene-d12	23.721	264	1694254	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	58936	5.369	ng/uL	0.00
4) Pyridine-d5	3.675	84	816353	25.807	ng/u1	0.00
7) Phenol-d5	6.993	99	1122709	29.272	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	652169	28.037	ng/u1	0.00
11) 2-Chlorophenol-d4	7.352	132	884755	30.305	ng/u1	0.00
15) 4-Methylphenol-d8	8.540	113	862982	28.950	ng/u1	0.00
21) Nitrobenzene-d5	8.993	128	434508	31.710	ng/u1	0.00
24) 2-Nitrophenol-d4	9.710	143	483694	32.718	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	851140	30.693	ng/u1	0.00
31) 4-Chloroaniline-d4	10.769	131	1085475	27.551	ng/u1	-0.01
46) Dimethylphthalate-d6	13.887	166	2192662	29.678	ng/u1	0.00
49) Acenaphthylene-d8	14.163	160	2581372	30.610	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.686	143	346679	25.047	ng/u1	0.00
60) Fluorene-d10	15.469	176	1814525	28.548	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	271786	25.584	ng/u1	0.00
73) Anthracene-d10	17.333	188	2477024	30.262	ng/u1	0.00
81) Pyrene-d10	19.569	212	2451858	28.486	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.568	264	2625016	30.895	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	116713	9.879	ng/uL	96
5) Pyridine	3.699	79	773042	24.863	ng/u1	94
6) Benzaldehyde	6.963	77	598850	33.219	ng/u1	98
8) Phenol	7.022	94	1072027	26.716	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.252	93	853235	26.345	ng/u1	99
12) 2-Chlorophenol	7.387	128	863900	27.425	ng/u1	99
13) 2-Methylphenol	8.269	108	808285	26.756	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.357	45	1076452	24.994	ng/u1	98
16) Acetophenone	8.652	105	1240336	26.936	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.640	70	608120	26.090	ng/u1	98
18) 4-Methylphenol	8.604	108	867467	26.367	ng/u1	97
19) Hexachloroethane	8.893	117	337842	27.152	ng/u1	98
22) Nitrobenzene	9.034	77	923115	27.650	ng/u1	98
23) Isophorone	9.563	82	1741557	27.179	ng/u1	100
25) 2-Nitrophenol	9.746	139	488546	29.086	ng/u1	98
26) 2,4-Dimethylphenol	9.804	107	876075	26.461	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.046	93	1139264	27.159	ng/u1	100
29) 2,4-Dichlorophenol	10.275	162	792076	27.602	ng/u1	98
30) Naphthalene	10.675	128	2681835	27.088	ng/u1	100
32) 4-Chloroaniline	10.798	127	1022465	25.143	ng/u1	99
33) Hexachlorobutadiene	10.951	225	516936	28.641	ng/u1	99
34) Caprolactam	11.598	113	228309m	25.629	ng/u1	
35) 4-Chloro-3-methylphenol	11.922	107	809924	26.141	ng/u1	100
36) 2-Methylnaphthalene	12.287	142	1747744	25.946	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.510	142	1749952	26.017	ng/u1	100
39) 1,2,4,5-Tetrachloroben...	12.657	216	939739	29.119	ng/u1	99
40) Hexachlorocyclopentadiene	12.628	237	300417	17.509	ng/u1	98
41) 2,4,6-Trichlorophenol	12.904	196	607165	29.151	ng/u1	99
42) 2,4,5-Trichlorophenol	12.975	196	635414	27.966	ng/u1	99
43) 1,1'-Biphenyl	13.304	154	2248937	28.470	ng/u1	98
44) 2-Chloronaphthalene	13.345	162	1780608	28.432	ng/u1	100
45) 2-Nitroaniline	13.563	65	470710	28.271	ng/u1	98
47) Dimethylphthalate	13.934	163	2113157	27.296	ng/u1	100
48) 2,6-Dinitrotoluene	14.057	165	434205	29.311	ng/u1	99
50) Acenaphthylene	14.192	152	2658420	28.292	ng/u1	100
51) 3-Nitroaniline	14.392	138	439566	28.111	ng/u1	96
52) Acenaphthene	14.534	153	1800834	27.100	ng/u1	100
53) 2,4-Dinitrophenol	14.598	184	160121	18.001	ng/u1	97
55) 4-Nitrophenol	14.704	109	240770	23.414	ng/u1	96
56) Dibenzofuran	14.875	168	2478834	27.248	ng/u1	99
57) 2,4-Dinitrotoluene	14.851	165	573263	27.116	ng/u1	95
58) 2,3,4,6-Tetrachlorophenol	15.104	232	508482	26.472	ng/u1	97
59) Diethylphthalate	15.298	149	2062692	27.108	ng/u1	99
61) Fluorene	15.528	166	1901702	26.386	ng/u1	100
62) 4-Chlorophenyl-phenyle...	15.522	204	963026	26.812	ng/u1	99
63) 4-Nitroaniline	15.557	138	416405m	28.368	ng/u1	
66) 4,6-Dinitro-2-methylph...	15.616	198	262248	23.516	ng/u1	99
67) N-Nitrosodiphenylamine	15.739	169	1657414	30.581	ng/u1	99
68) 4-Bromophenyl-phenylether	16.416	248	616991	31.207	ng/u1	99
69) Hexachlorobenzene	16.528	284	708977	30.421	ng/u1	98
70) Atrazine	16.698	200	547893	28.958	ng/u1	100
71) Pentachlorophenol	16.880	266	367251	26.106	ng/u1	100
72) Phenanthrene	17.275	178	2775747	27.657	ng/u1	100
74) Anthracene	17.369	178	2780422	28.000	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.269	216	964196	34.603	ng/uL	100
76) Pentachlorobenzene	14.792	250	885844	30.181	ng/uL	98
77) Carbazole	17.645	167	2373879	27.087	ng/u1	99
78) Di-n-butylphthalate	18.186	149	3156357	30.023	ng/u1	99
80) Fluoranthene	19.245	202	2834620	26.651	ng/u1	98
82) Pyrene	19.598	202	2879058	26.457	ng/u1	97
83) Butylbenzylphthalate	20.469	149	1177120	27.812	ng/u1	99
84) 3,3'-Dichlorobenzidine	21.245	252	864103	26.244	ng/u1	99
85) Benzo(a)anthracene	21.310	228	2796929	28.387	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.227	149	1581373	26.669	ng/u1	99
87) Chrysene	21.363	228	2609933	28.386	ng/u1	100
89) Di-n-octyl phthalate	22.151	149	2726089	23.263	ng/u1	100
90) Benzo(b)fluoranthene	22.992	252	3008994	26.649	ng/u1	99
91) Benzo(k)fluoranthene	23.039	252	2966115	26.650	ng/u1	99
93) Benzo(a)pyrene	23.621	252	2716620	28.136	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.227	276	3658521	32.732	ng/u1	99
95) Dibenzo(a,h)anthracene	26.239	278	3150563	31.265	ng/u1	99
96) Benzo(g,h,i)perylene	26.992	276	3012002	28.700	ng/u1	99

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

