

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102422\
 Data File : BP012278.D
 Acq On : 24 Oct 2022 11:04
 Operator : CG/JU
 Sample : PB148414BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS414

Quant Time: Oct 25 05:36:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 22 01:24:49 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/25/2022
 Supervised By :mohammad ahmed 10/27/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	349780	20.000	ng/u1	0.00
20) Naphthalene-d8	10.628	136	1472947	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.469	164	868970	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.233	188	1530963	20.000	ng/u1	0.00
79) Chrysene-d12	21.321	240	1254854	20.000	ng/u1	0.00
88) Perylene-d12	23.727	264	1390295	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	44788	5.182	ng/uL	0.00
4) Pyridine-d5	3.681	84	302837	12.160	ng/u1	0.00
7) Phenol-d5	6.993	99	825401	27.334	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.158	67	483677	26.411	ng/u1	0.00
11) 2-Chlorophenol-d4	7.352	132	648403	28.210	ng/u1	0.00
15) 4-Methylphenol-d8	8.540	113	635353	27.072	ng/u1	0.00
21) Nitrobenzene-d5	8.993	128	325004	29.809	ng/u1	0.00
24) 2-Nitrophenol-d4	9.710	143	346594	29.464	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	623274	28.247	ng/u1	0.00
31) 4-Chloroaniline-d4	10.769	131	460141	14.678	ng/u1	0.00
46) Dimethylphthalate-d6	13.887	166	1704247	28.194	ng/u1	0.00
49) Acenaphthylene-d8	14.163	160	1979956	28.696	ng/u1	0.00
54) 4-Nitrophenol-d4	14.687	143	246193	21.740	ng/u1	0.00
60) Fluorene-d10	15.469	176	1407852	27.073	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	185511	21.300	ng/u1	0.00
73) Anthracene-d10	17.333	188	1936952	28.864	ng/u1	0.00
81) Pyrene-d10	19.569	212	1926005	26.958	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.568	264	2028997	29.102	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	91579	9.846	ng/uL	100
5) Pyridine	3.699	79	524859	21.441	ng/u1	94
6) Benzaldehyde	6.969	77	514122	36.223	ng/u1	97
8) Phenol	7.022	94	821327	25.998	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.252	93	655415	25.704	ng/u1	98
12) 2-Chlorophenol	7.387	128	657810	26.524	ng/u1	100
13) 2-Methylphenol	8.269	108	620056	26.070	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.357	45	794986	23.445	ng/u1	97
16) Acetophenone	8.652	105	967986	26.701	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.640	70	466414	25.416	ng/u1	98
18) 4-Methylphenol	8.604	108	673385	25.997	ng/u1	99
19) Hexachloroethane	8.893	117	255455	26.077	ng/u1	99
22) Nitrobenzene	9.034	77	726198	27.337	ng/u1	98
23) Isophorone	9.563	82	1335074	26.185	ng/u1	99
25) 2-Nitrophenol	9.746	139	370715	27.738	ng/u1	97
26) 2,4-Dimethylphenol	9.804	107	720833	27.362	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.046	93	874176	26.191	ng/u1	100
29) 2,4-Dichlorophenol	10.275	162	615990	26.977	ng/u1	97
30) Naphthalene	10.675	128	2056221	26.102	ng/u1	100
32) 4-Chloroaniline	10.799	127	759662	23.477	ng/u1	100
33) Hexachlorobutadiene	10.951	225	411215	28.633	ng/u1	99
34) Caprolactam	11.593	113	173561	24.486	ng/u1	95
35) 4-Chloro-3-methylphenol	11.922	107	620431	25.167	ng/u1	100
36) 2-Methylnaphthalene	12.287	142	1370276	25.566	ng/u1	100

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37) 1-Methylnaphthalene	12.510	142	1357983	25.374	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.657	216	750113	28.409	ng/ul	99
40) Hexachlorocyclopentadiene	12.628	237	228932	16.308	ng/ul	97
41) 2,4,6-Trichlorophenol	12.904	196	451362	26.487	ng/ul	98
42) 2,4,5-Trichlorophenol	12.975	196	485482	26.116	ng/ul	99
43) 1,1'-Biphenyl	13.304	154	1764787	27.306	ng/ul	98
44) 2-Chloronaphthalene	13.345	162	1384501	27.020	ng/ul	99
45) 2-Nitroaniline	13.563	65	379413	27.852	ng/ul	99
47) Dimethylphthalate	13.934	163	1694965	26.760	ng/ul	100
48) 2,6-Dinitrotoluene	14.057	165	343605	28.350	ng/ul	98
50) Acenaphthylene	14.192	152	2076742	27.013	ng/ul	100
51) 3-Nitroaniline	14.392	138	354363	27.699	ng/ul	95
52) Acenaphthene	14.534	153	1416306	26.050	ng/ul	99
53) 2,4-Dinitrophenol	14.604	184	101835	13.993	ng/ul	94
55) 4-Nitrophenol	14.704	109	188724	22.431	ng/ul	91
56) Dibenzofuran	14.875	168	1953278	26.243	ng/ul	97
57) 2,4-Dinitrotoluene	14.851	165	452453	26.158	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.104	232	376358	23.948	ng/ul	99
59) Diethylphthalate	15.298	149	1666985	26.777	ng/ul	99
61) Fluorene	15.522	166	1507235	25.560	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.516	204	782636	26.633	ng/ul	95
63) 4-Nitroaniline	15.557	138	328117m	27.321	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.616	198	195346	21.366	ng/ul	99
67) N-Nitrosodiphenylamine	15.739	169	1327756	29.881	ng/ul	98
68) 4-Bromophenyl-phenylether	16.416	248	508366	31.362	ng/ul	97
69) Hexachlorobenzene	16.528	284	585384	30.637	ng/ul	99
70) Atrazine	16.698	200	263528	16.989	ng/ul	99
71) Pentachlorophenol	16.881	266	233774	20.269	ng/ul	98
72) Phenanthrene	17.275	178	2217575	26.950	ng/ul	100
74) Anthracene	17.369	178	2212783	27.180	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.269	216	769285	33.674	ng/ul	98
76) Pentachlorobenzene	14.792	250	720304	29.933	ng/ul	99
77) Carbazole	17.639	167	1879809	26.163	ng/ul	99
78) Di-n-butylphthalate	18.186	149	2533651	29.395	ng/ul	99
80) Fluoranthene	19.245	202	2289847	25.937	ng/ul	96
82) Pyrene	19.598	202	2330949	25.806	ng/ul	94
83) Butylbenzylphthalate	20.469	149	915326	26.055	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.245	252	766661	28.052	ng/ul	99
85) Benzo(a)anthracene	21.310	228	2255531	27.579	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.227	149	1203680	24.456	ng/ul	99
87) Chrysene	21.363	228	2118642	27.761	ng/ul	100
89) Di-n-octyl phthalate	22.151	149	2100626	21.845	ng/ul	100
90) Benzo(b)fluoranthene	22.992	252	2423129	26.152	ng/ul	99
91) Benzo(k)fluoranthene	23.039	252	2363920	25.883	ng/ul	98
93) Benzo(a)pyrene	23.621	252	2151769	27.158	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.221	276	2840294	30.967	ng/ul	96
95) Dibenzo(a,h)anthracene	26.239	278	2466594	29.829	ng/ul	98
96) Benzo(g,h,i)perylene	26.992	276	2284885	26.531	ng/ul	98

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

