

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011023\
 Data File : BP013423.D
 Acq On : 10 Jan 2023 12:25
 Operator : CG/JU
 Sample : PB150112BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS112

Quant Time: Jan 10 23:19:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 06 01:03:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/11/2023
 Supervised By :mohammad ahmed 01/12/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	486739	20.000	ng/u1	0.00
20) Naphthalene-d8	10.734	136	2041194	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.569	164	1322393	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.328	188	2992177	20.000	ng/u1	0.00
79) Chrysene-d12	21.422	240	2968220	20.000	ng/u1	0.01
88) Perylene-d12	23.886	264	3241444	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	58824	4.698	ng/uL	0.00
4) Pyridine-d5	3.734	84	842646	24.126	ng/u1	0.00
7) Phenol-d5	7.081	99	1064441	26.355	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.252	67	689529	27.061	ng/u1	0.00
11) 2-Chlorophenol-d4	7.452	132	840770	27.914	ng/u1	0.00
15) 4-Methylphenol-d8	8.634	113	837139	27.206	ng/u1	0.00
21) Nitrobenzene-d5	9.093	128	400799	27.577	ng/u1	0.00
24) 2-Nitrophenol-d4	9.816	143	455021	28.600	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.352	165	879866	27.750	ng/u1	0.00
31) 4-Chloroaniline-d4	10.875	131	1039545	23.273	ng/u1	0.00
46) Dimethylphthalate-d6	13.981	166	2674657	27.761	ng/u1	0.00
49) Acenaphthylene-d8	14.263	160	2952180	27.682	ng/u1	0.00
54) 4-Nitrophenol-d4	14.775	143	488872	27.722	ng/u1	0.00
60) Fluorene-d10	15.563	176	2287831	26.884	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	513415	27.061	ng/u1	0.01
73) Anthracene-d10	17.433	188	3634540	27.481	ng/u1	0.01
81) Pyrene-d10	19.663	212	4406791	27.287	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.733	264	4392843	27.590	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.346	88	128420	9.312	ng/uL	99
5) Pyridine	3.758	79	871505	24.676	ng/u1	98
6) Benzaldehyde	7.058	77	625743	40.621	ng/u1	96
8) Phenol	7.111	94	1137984	27.234	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.346	93	927391	28.068	ng/u1	99
12) 2-Chlorophenol	7.481	128	892616	28.448	ng/u1	97
13) 2-Methylphenol	8.369	108	841483	28.042	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.457	45	1496181	29.345	ng/u1	99
16) Acetophenone	8.752	105	1379025	28.396	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.734	70	716909	30.876	ng/u1	99
18) 4-Methylphenol	8.699	108	934208	28.323	ng/u1	100
19) Hexachloroethane	9.005	117	361721	28.611	ng/u1	98
22) Nitrobenzene	9.134	77	1041022	27.441	ng/u1	98
23) Isophorone	9.663	82	1965129	29.600	ng/u1	100
25) 2-Nitrophenol	9.846	139	505708	29.235	ng/u1	98
26) 2,4-Dimethylphenol	9.904	107	998417	27.667	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.146	93	1244538	28.367	ng/u1	98
29) 2,4-Dichlorophenol	10.381	162	896445	28.260	ng/u1	99
30) Naphthalene	10.787	128	2876199	26.488	ng/u1	100
32) 4-Chloroaniline	10.899	127	1078636	24.018	ng/u1	100
33) Hexachlorobutadiene	11.063	225	620069	27.221	ng/u1	99
34) Caprolactam	11.687	113	264074m	27.982	ng/u1	
35) 4-Chloro-3-methylphenol	12.022	107	921666	30.105	ng/u1	99
36) 2-Methylnaphthalene	12.393	142	1971330	28.387	ng/u1	99

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37) 1-Methylnaphthalene	12.610	142	1973399	27.396	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.763	216	1181650	26.064	ng/u1	99
40) Hexachlorocyclopentadiene	12.734	237	681481	24.986	ng/u1	99
41) 2,4,6-Trichlorophenol	13.004	196	772465	28.965	ng/u1	98
42) 2,4,5-Trichlorophenol	13.075	196	834523	28.755	ng/u1	98
43) 1,1'-Biphenyl	13.404	154	2697962	26.873	ng/u1	100
44) 2-Chloronaphthalene	13.445	162	2128062	26.268	ng/u1	100
45) 2-Nitroaniline	13.657	65	602739	30.744	ng/u1	95
47) Dimethylphthalate	14.028	163	2761623	28.690	ng/u1	99
48) 2,6-Dinitrotoluene	14.151	165	534420	32.061	ng/u1	98
50) Acenaphthylene	14.292	152	3282656	27.930	ng/u1	99
51) 3-Nitroaniline	14.481	138	479274	27.146	ng/u1	99
52) Acenaphthene	14.634	153	2259891	26.864	ng/u1	99
53) 2,4-Dinitrophenol	14.692	184	344683	27.780	ng/u1	95
55) 4-Nitrophenol	14.787	109	382143	28.509	ng/u1	98
56) Dibenzofuran	14.969	168	3249538	26.896	ng/u1	99
57) 2,4-Dinitrotoluene	14.940	165	788796	31.836	ng/u1	99
58) 2,3,4,6-Tetrachlorophenol	15.198	232	757066	29.903	ng/u1	100
59) Diethylphthalate	15.392	149	2711045	30.091	ng/u1	100
61) Fluorene	15.622	166	2677317	27.762	ng/u1	100
62) 4-Chlorophenyl-phenyle...	15.616	204	1413022	28.058	ng/u1	98
63) 4-Nitroaniline	15.645	138	544249	33.341	ng/u1	99
66) 4,6-Dinitro-2-methylph...	15.704	198	528409	28.216	ng/u1#	98
67) N-Nitrosodiphenylamine	15.828	169	2277700	28.146	ng/u1	100
68) 4-Bromophenyl-phenylether	16.510	248	877069	28.298	ng/u1	99
69) Hexachlorobenzene	16.628	284	1018857	27.264	ng/u1	98
70) Atrazine	16.786	200	878350	28.392	ng/u1	98
71) Pentachlorophenol	16.975	266	620429	27.892	ng/u1	98
72) Phenanthrene	17.375	178	4363015	27.427	ng/u1	100
74) Anthracene	17.463	178	4382485	27.890	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.369	216	1199130	26.537	ng/uL	99
76) Pentachlorobenzene	14.892	250	1149389	26.126	ng/uL	99
77) Carbazole	17.739	167	3926478	28.850	ng/u1	99
78) Di-n-butylphthalate	18.281	149	4611745	34.551	ng/u1	99
80) Fluoranthene	19.339	202	5329208	28.832	ng/u1	99
82) Pyrene	19.692	202	5520539	28.188	ng/u1	98
83) Butylbenzylphthalate	20.557	149	2059874	34.661	ng/u1	98
84) 3,3'-Dichlorobenzidine	21.333	252	1670469	30.537	ng/u1	99
85) Benzo(a)anthracene	21.404	228	5534543	28.156	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.316	149	3074421	37.139	ng/u1	100
87) Chrysene	21.463	228	5225377	27.274	ng/u1	100
89) Di-n-octyl phthalate	22.263	149	5209670	37.497	ng/u1	100
90) Benzo(b)fluoranthene	23.133	252	5623637	27.433	ng/u1	99
91) Benzo(k)fluoranthene	23.186	252	5714498	29.214	ng/u1	100
93) Benzo(a)pyrene	23.780	252	5052204	28.070	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.468	276	6610555	26.507	ng/u1	100
95) Dibenzo(a,h)anthracene	26.486	278	5592474	26.882	ng/u1	100
96) Benzo(g,h,i)perylene	27.268	276	5431704	26.480	ng/u1	99

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

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