

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
 Data File : BP014154.D
 Acq On : 20 Mar 2023 23:02
 Operator : CG/JU
 Sample : PB151502BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS502

Quant Time: Mar 21 00:49:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 20 13:12:59 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/21/2023
 Supervised By : Jagrut Upadhyay 03/21/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	169422	20.000	ng/u1	0.00
20) Naphthalene-d8	10.875	136	723822	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.692	164	493505	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.445	188	1151994	20.000	ng/u1	#-0.01
79) Chrysene-d12	21.527	240	1213834	20.000	ng/u1	# 0.00
88) Perylene-d12	24.051	264	1247300	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.416	96	24105	5.376	ng/uL	0.00
4) Pyridine-d5	3.846	84	300384	24.194	ng/u1	0.00
7) Phenol-d5	7.210	99	482407	32.266	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	287281	32.947	ng/u1	0.00
11) 2-Chlorophenol-d4	7.581	132	359224	31.536	ng/u1	0.00
15) 4-Methylphenol-d8	8.769	113	399301	32.696	ng/u1	0.00
21) Nitrobenzene-d5	9.228	128	185248	32.076	ng/u1	0.00
24) 2-Nitrophenol-d4	9.951	143	217601	31.475	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.493	165	403551	31.023	ng/u1	0.00
31) 4-Chloroaniline-d4	11.016	131	458443	26.631	ng/u1	0.00
46) Dimethylphthalate-d6	14.098	166	1282656	30.625	ng/u1	0.00
49) Acenaphthylene-d8	14.386	160	1399170	31.536	ng/u1	0.00
54) 4-Nitrophenol-d4	14.898	143	233078	31.579	ng/u1	0.00
60) Fluorene-d10	15.686	176	1087649	30.642	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.810	200	267847	30.763	ng/u1	0.00
73) Anthracene-d10	17.551	188	1725876	30.861	ng/u1	0.00
81) Pyrene-d10	19.769	212	2202655	32.902	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.886	264	2149820	32.403	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.446	88	49253	10.175	ng/uL	94
5) Pyridine	3.864	79	320744	25.475	ng/u1	94
6) Benzaldehyde	7.187	77	246724	33.165	ng/u1	99
8) Phenol	7.234	94	484648	31.433	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.469	93	374955	31.743	ng/u1	97
12) 2-Chlorophenol	7.616	128	361374	31.488	ng/u1	98
13) 2-Methylphenol	8.499	108	372790	32.516	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.581	45	467925	36.681	ng/u1	99
16) Acetophenone	8.887	105	624882	31.673	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.869	70	333923	33.084	ng/u1	98
18) 4-Methylphenol	8.828	108	407963	32.351	ng/u1	97
19) Hexachloroethane	9.140	117	159890	31.810	ng/u1	98
22) Nitrobenzene	9.269	77	497891	32.228	ng/u1	100
23) Isophorone	9.798	82	950955	31.963	ng/u1	98
25) 2-Nitrophenol	9.987	139	225564	31.657	ng/u1	96
26) 2,4-Dimethylphenol	10.040	107	460356	29.518	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.275	93	547967	31.842	ng/u1	100
29) 2,4-Dichlorophenol	10.522	162	387319	30.185	ng/u1	98
30) Naphthalene	10.928	128	1220189	30.699	ng/u1	99
32) 4-Chloroaniline	11.040	127	413259	23.857	ng/u1	97
33) Hexachlorobutadiene	11.204	225	293998	28.793	ng/u1	99
34) Caprolactam	11.834	113	133576m	32.060	ng/u1	
35) 4-Chloro-3-methylphenol	12.157	107	471915	31.805	ng/u1	98
36) 2-Methylnaphthalene	12.528	142	843857	30.269	ng/u1	99

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37) 1-Methylnaphthalene	12.745	142	867009	30.941	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.892	216	532900	29.861	ng/u1	99
40) Hexachlorocyclopentadiene	12.863	237	299458	23.433	ng/u1	98
41) 2,4,6-Trichlorophenol	13.128	196	346120	30.874	ng/u1	98
42) 2,4,5-Trichlorophenol	13.204	196	384207	31.228	ng/u1	99
43) 1,1'-Biphenyl	13.528	154	1188733	31.287	ng/u1	99
44) 2-Chloronaphthalene	13.575	162	954552	31.633	ng/u1	99
45) 2-Nitroaniline	13.781	65	322932	36.183	ng/u1	93
47) Dimethylphthalate	14.145	163	1278543	30.841	ng/u1	100
48) 2,6-Dinitrotoluene	14.269	165	271141	33.082	ng/u1	99
50) Acenaphthylene	14.416	152	1485256	31.899	ng/u1	100
51) 3-Nitroaniline	14.604	138	241488	33.277	ng/u1	93
52) Acenaphthene	14.757	153	1025519	31.505	ng/u1	99
53) 2,4-Dinitrophenol	14.810	184	177371	28.979	ng/u1	97
55) 4-Nitrophenol	14.910	109	227657	28.555	ng/u1	92
56) Dibenzofuran	15.092	168	1451997	30.662	ng/u1	99
57) 2,4-Dinitrotoluene	15.057	165	396874	32.409	ng/u1	96
58) 2,3,4,6-Tetrachlorophenol	15.316	232	351009	29.821	ng/u1	99
59) Diethylphthalate	15.504	149	1305689	31.053	ng/u1	100
61) Fluorene	15.739	166	1204774	30.692	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.728	204	644266	29.737	ng/u1	100
63) 4-Nitroaniline	15.769	138	276035	37.005	ng/u1	95
66) 4,6-Dinitro-2-methylph...	15.822	198	265440	31.955	ng/u1	96
67) N-Nitrosodiphenylamine	15.945	169	1032445	31.733	ng/u1	99
68) 4-Bromophenyl-phenylether	16.628	248	423957	30.442	ng/u1	99
69) Hexachlorobenzene	16.745	284	496160	30.233	ng/u1	96
70) Atrazine	16.898	200	277580	19.781	ng/u1	98
71) Pentachlorophenol	17.098	266	299018	27.875	ng/u1	98
72) Phenanthrene	17.492	178	1974206	31.420	ng/u1	100
74) Anthracene	17.580	178	1978825	31.061	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.492	216	547958	30.994	ng/uL	99
76) Pentachlorobenzene	15.010	250	556013	30.275	ng/uL	98
77) Carbazole	17.851	167	1802539	32.077	ng/u1	100
78) Di-n-butylphthalate	18.380	149	2351369	33.481	ng/u1	100
80) Fluoranthene	19.445	202	2495526	32.704	ng/u1#	97
82) Pyrene	19.798	202	2586988	32.499	ng/u1	97
83) Butylbenzylphthalate	20.651	149	1141420	35.562	ng/u1	96
84) 3,3'-Dichlorobenzidine	21.439	252	886486	28.529	ng/u1	99
85) Benzo(a)anthracene	21.510	228	2701215	31.639	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.404	149	1718040	35.803	ng/u1	99
87) Chrysene	21.568	228	2544958	31.278	ng/u1	100
89) Di-n-octyl phthalate	22.368	149	3032101	38.526	ng/u1	100
90) Benzo(b)fluoranthene	23.274	252	2693913	32.413	ng/u1	99
91) Benzo(k)fluoranthene	23.327	252	2642540	33.343	ng/u1	99
93) Benzo(a)pyrene	23.939	252	2293583	31.727	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.703	276	2642005	27.608	ng/u1	98
95) Dibenzo(a,h)anthracene	26.715	278	2210169	27.787	ng/u1	98
96) Benzo(g,h,i)perylene	27.521	276	2068610	27.044	ng/u1	98

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

