

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
 Data File : BP014458.D
 Acq On : 31 Mar 2023 23:18
 Operator : CG/JU
 Sample : PB151750BS
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS750

Quant Time: Apr 01 00:31:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 31 04:41:29 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 04/03/2023
 Supervised By : Jagrut Upadhyay 04/03/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	154005	20.000	ng/u1	0.00
20) Naphthalene-d8	10.840	136	697391	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.669	164	475550	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.433	188	1059517	20.000	ng/u1	0.00
79) Chrysene-d12	21.521	240	800917	20.000	ng/u1	0.00
88) Perylene-d12	24.039	264	724671	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	24455	6.158	ng/uL	0.00
4) Pyridine-d5	3.822	84	225893	22.196	ng/u1	0.00
7) Phenol-d5	7.187	99	529552	37.284	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.340	67	322557	35.396	ng/u1	0.00
11) 2-Chlorophenol-d4	7.546	132	385842	37.586	ng/u1	0.00
15) 4-Methylphenol-d8	8.746	113	434442	37.920	ng/u1	0.02
21) Nitrobenzene-d5	9.193	128	196013	34.816	ng/u1	0.00
24) 2-Nitrophenol-d4	9.916	143	235250	36.492	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.463	165	434963	37.048	ng/u1	0.00
31) 4-Chloroaniline-d4	10.987	131	106527	6.888	ng/u1	0.00
46) Dimethylphthalate-d6	14.075	166	1390436	36.060	ng/u1	0.00
49) Acenaphthylene-d8	14.363	160	1509151	35.273	ng/u1	0.00
54) 4-Nitrophenol-d4	14.904	143	194081	33.318	ng/u1	0.02
60) Fluorene-d10	15.663	176	1144457	35.592	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	253413	32.505	ng/u1	0.00
73) Anthracene-d10	17.533	188	1797616	35.058	ng/u1	0.00
81) Pyrene-d10	19.763	212	1982913	36.859	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.880	264	1375769	35.733	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.422	88	51533	11.808	ng/uL	96
5) Pyridine	3.840	79	320751	30.117	ng/u1	99
6) Benzaldehyde	7.151	77	300289m	42.536	ng/u1	
8) Phenol	7.216	94	532928	36.171	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.434	93	404441	34.158	ng/u1	99
12) 2-Chlorophenol	7.581	128	377396	35.321	ng/u1	96
13) 2-Methylphenol	8.475	108	395734	36.016	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.540	45	545723	35.104	ng/u1	100
16) Acetophenone	8.851	105	666503	35.231	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.834	70	373662	36.561	ng/u1	98
18) 4-Methylphenol	8.810	108	439096	36.387	ng/u1	100
19) Hexachloroethane	9.098	117	164130	35.157	ng/u1	98
22) Nitrobenzene	9.234	77	543460	33.601	ng/u1	99
23) Isophorone	9.763	82	1034852	34.711	ng/u1	99
25) 2-Nitrophenol	9.951	139	238134	34.997	ng/u1	99
26) 2,4-Dimethylphenol	10.016	107	525641	34.513	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.245	93	602497	33.707	ng/u1	99
29) 2,4-Dichlorophenol	10.492	162	411314	35.598	ng/u1	97
30) Naphthalene	10.887	128	1286072	33.107	ng/u1	99
32) 4-Chloroaniline	11.010	127	324799	20.736	ng/u1	100
33) Hexachlorobutadiene	11.163	225	296700	32.413	ng/u1	98
34) Caprolactam	11.822	113	138621m	40.611	ng/u1	
35) 4-Chloro-3-methylphenol	12.139	107	509485	35.850	ng/u1	98
36) 2-Methylnaphthalene	12.492	142	893587	33.943	ng/u1	100

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37) 1-Methylnaphthalene	12.716	142	930446	35.637	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.857	216	549057	32.383	ng/ul	96
40) Hexachlorocyclopentadiene	12.828	237	318376	28.996	ng/ul	100
41) 2,4,6-Trichlorophenol	13.110	196	359140	34.230	ng/ul	98
42) 2,4,5-Trichlorophenol	13.192	196	395281	35.389	ng/ul	98
43) 1,1'-Biphenyl	13.498	154	1253673	32.631	ng/ul	99
44) 2-Chloronaphthalene	13.545	162	994297	32.731	ng/ul	100
45) 2-Nitroaniline	13.763	65	357711	38.023	ng/ul	98
47) Dimethylphthalate	14.128	163	1328448	34.458	ng/ul	99
48) 2,6-Dinitrotoluene	14.257	165	280824	37.283	ng/ul	99
50) Acenaphthylene	14.392	152	1551674	34.054	ng/ul	99
51) 3-Nitroaniline	14.592	138	262895	38.959	ng/ul	99
52) Acenaphthene	14.733	153	1074757	33.379	ng/ul	99
53) 2,4-Dinitrophenol	14.798	184	146273	29.988	ng/ul	99
55) 4-Nitrophenol	14.916	109	187417	32.600	ng/ul	93
56) Dibenzofuran	15.069	168	1513745	33.443	ng/ul	100
57) 2,4-Dinitrotoluene	15.045	165	405400	37.944	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.304	232	346444	34.510	ng/ul	99
59) Diethylphthalate	15.486	149	1388931	36.254	ng/ul	99
61) Fluorene	15.722	166	1254990	34.207	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.710	204	678355	34.415	ng/ul	98
63) 4-Nitroaniline	15.763	138	252579	46.068	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.810	198	234638	31.056	ng/ul	98
67) N-Nitrosodiphenylamine	15.933	169	1070363	32.469	ng/ul	100
68) 4-Bromophenyl-phenylether	16.610	248	435864	33.060	ng/ul	96
69) Hexachlorobenzene	16.727	284	504367	33.305	ng/ul	100
70) Atrazine	16.886	200	192861	16.071	ng/ul	100
71) Pentachlorophenol	17.086	266	240623	27.427	ng/ul	98
72) Phenanthrene	17.474	178	1971978	33.454	ng/ul	99
74) Anthracene	17.569	178	2004397	33.739	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.469	216	557272	29.880	ng/ul	99
76) Pentachlorobenzene	14.986	250	580887	31.215	ng/ul	98
77) Carbazole	17.845	167	1717126	34.538	ng/ul	99
78) Di-n-butylphthalate	18.369	149	2411970	38.583	ng/ul	100
80) Fluoranthene	19.433	202	2284167	35.910	ng/ul	99
82) Pyrene	19.792	202	2309851	34.782	ng/ul	99
83) Butylbenzylphthalate	20.645	149	1003908	43.887	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.433	252	587368	33.160	ng/ul	99
85) Benzo(a)anthracene	21.504	228	1962783	34.583	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.398	149	1425423	45.569	ng/ul	99
87) Chrysene	21.557	228	1834860	34.239	ng/ul	100
89) Di-n-octyl phthalate	22.362	149	2159055	45.911	ng/ul	100
90) Benzo(b)fluoranthene	23.262	252	1723500	35.215	ng/ul	99
91) Benzo(k)fluoranthene	23.315	252	1612656	33.926	ng/ul	99
93) Benzo(a)pyrene	23.927	252	1430184	33.949	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.692	276	1921116	33.146	ng/ul	99
95) Dibenzo(a,h)anthracene	26.703	278	1605288	33.081	ng/ul	99
96) Benzo(g,h,i)perylene	27.503	276	1564495	33.115	ng/ul	99

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

