

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040323\
 Data File : BP014513.D
 Acq On : 04 Apr 2023 06:27
 Operator : CG/JU
 Sample : PB151858BS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS858

Quant Time: Apr 04 09:47:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 04 01:34:36 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	69651	20.000	ng/u1	0.00
20) Naphthalene-d8	10.828	136	279951	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.657	164	174697	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.422	188	395776	20.000	ng/u1	0.00
79) Chrysene-d12	21.510	240	433687	20.000	ng/u1	0.00
88) Perylene-d12	24.021	264	483804	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	19477	10.844	ng/uL	0.00
4) Pyridine-d5	3.811	84	260167	56.524	ng/u1	0.00
7) Phenol-d5	7.169	99	340176	52.958	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	214966	52.159	ng/u1	0.00
11) 2-Chlorophenol-d4	7.534	132	250381	53.930	ng/u1	0.00
15) 4-Methylphenol-d8	8.728	113	257745	49.744	ng/u1	0.00
21) Nitrobenzene-d5	9.181	128	121324	53.683	ng/u1	0.00
24) 2-Nitrophenol-d4	9.904	143	138815	53.641	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.452	165	247664	52.549	ng/u1	0.00
31) 4-Chloroaniline-d4	10.975	131	270040	43.499	ng/u1	0.00
46) Dimethylphthalate-d6	14.063	166	737091	52.037	ng/u1	0.00
49) Acenaphthylene-d8	14.351	160	824619	52.466	ng/u1	0.00
54) 4-Nitrophenol-d4	14.887	143	118338	55.300	ng/u1	0.00
60) Fluorene-d10	15.651	176	617640	52.288	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.781	200	148943	51.145	ng/u1	0.00
73) Anthracene-d10	17.522	188	1005994	52.522	ng/u1	0.00
81) Pyrene-d10	19.751	212	1250548	42.929	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.857	264	1388020	54.000	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.417	88	43929	22.256	ng/uL	96
5) Pyridine	3.834	79	267044	55.441	ng/u1	98
6) Benzaldehyde	7.140	77	144431	45.236	ng/u1	99
8) Phenol	7.199	94	358958	53.869	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.422	93	278102	51.934	ng/u1	98
12) 2-Chlorophenol	7.569	128	261459	54.107	ng/u1	96
13) 2-Methylphenol	8.457	108	255712	51.457	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.528	45	376833	53.597	ng/u1	98
16) Acetophenone	8.840	105	428785	50.115	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.816	70	235286	50.903	ng/u1	96
18) 4-Methylphenol	8.793	108	279268	51.171	ng/u1	98
19) Hexachloroethane	9.087	117	117920	55.850	ng/u1	96
22) Nitrobenzene	9.222	77	362249	55.795	ng/u1	99
23) Isophorone	9.752	82	629007	52.558	ng/u1	100
25) 2-Nitrophenol	9.940	139	148312	54.297	ng/u1	97
26) 2,4-Dimethylphenol	9.999	107	318248	52.054	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.228	93	366986	51.146	ng/u1	99
29) 2,4-Dichlorophenol	10.481	162	248855	53.653	ng/u1	96
30) Naphthalene	10.875	128	823255	52.794	ng/u1	100
32) 4-Chloroaniline	10.999	127	230383	36.640	ng/u1	99
33) Hexachlorobutadiene	11.146	225	189588	51.595	ng/u1	99
34) Caprolactam	11.793	113	82982m	60.561	ng/u1	
35) 4-Chloro-3-methylphenol	12.128	107	300640	52.699	ng/u1	98
36) 2-Methylnaphthalene	12.481	142	536582	50.775	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.698	142	542198	51.733	ng/u1	98
39) 1,2,4,5-Tetrachloroben...	12.845	216	324178	52.047	ng/u1	98
40) Hexachlorocyclopentadiene	12.816	237	155056	38.441	ng/u1	98
41) 2,4,6-Trichlorophenol	13.093	196	199892	51.862	ng/u1	100
42) 2,4,5-Trichlorophenol	13.175	196	217980	53.123	ng/u1	97
43) 1,1'-Biphenyl	13.487	154	743723	52.694	ng/u1	99
44) 2-Chloronaphthalene	13.534	162	600077	53.772	ng/u1	99
45) 2-Nitroaniline	13.751	65	206619	59.785	ng/u1	97
47) Dimethylphthalate	14.110	163	750467	52.989	ng/u1	99
48) 2,6-Dinitrotoluene	14.240	165	154257	55.749	ng/u1	95
50) Acenaphthylene	14.381	152	896761	53.574	ng/u1	99
51) 3-Nitroaniline	14.581	138	138535	55.885	ng/u1	94
52) Acenaphthene	14.722	153	621906	52.577	ng/u1	99
53) 2,4-Dinitrophenol	14.792	184	84101	46.935	ng/u1	94
55) 4-Nitrophenol	14.898	109	125345	59.351	ng/u1	98
56) Dibenzofuran	15.057	168	868988	52.261	ng/u1	99
57) 2,4-Dinitrotoluene	15.034	165	235016	59.878	ng/u1	98
58) 2,3,4,6-Tetrachlorophenol	15.287	232	188004	50.978	ng/u1	95
59) Diethylphthalate	15.475	149	761823	54.130	ng/u1	99
61) Fluorene	15.710	166	727098	53.948	ng/u1	98
62) 4-Chlorophenyl-phenyle...	15.698	204	375322	51.833	ng/u1	98
63) 4-Nitroaniline	15.751	138	155912	77.410	ng/u1	98
66) 4,6-Dinitro-2-methylph...	15.798	198	146124	51.776	ng/u1	100
67) N-Nitrosodiphenylamine	15.916	169	619197	50.284	ng/u1	97
68) 4-Bromophenyl-phenylether	16.598	248	240455	48.825	ng/u1	98
69) Hexachlorobenzene	16.716	284	286734	50.687	ng/u1	99
70) Atrazine	16.875	200	93473	20.852	ng/u1	100
71) Pentachlorophenol	17.069	266	146545	44.716	ng/u1	97
72) Phenanthrene	17.463	178	1185599	53.845	ng/u1	100
74) Anthracene	17.557	178	1211550	54.594	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.457	216	329030	47.229	ng/uL	99
76) Pentachlorobenzene	14.975	250	326173	46.922	ng/uL	97
77) Carbazole	17.828	167	1099089	59.182	ng/u1	99
78) Di-n-butylphthalate	18.357	149	1280278	54.826	ng/u1	100
80) Fluoranthene	19.422	202	1483072	43.059	ng/u1	99
82) Pyrene	19.775	202	1532526	42.618	ng/u1	98
83) Butylbenzylphthalate	20.633	149	656115	52.970	ng/u1	97
84) 3,3'-Dichlorobenzidine	21.422	252	491516	51.245	ng/u1	100
85) Benzo(a)anthracene	21.492	228	1656574	53.903	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.386	149	923945	54.549	ng/u1	99
87) Chrysene	21.545	228	1595826	54.994	ng/u1	99
89) Di-n-octyl phthalate	22.345	149	1600731	50.985	ng/u1	100
90) Benzo(b)fluoranthene	23.251	252	1760042	53.865	ng/u1	98
91) Benzo(k)fluoranthene	23.298	252	1688103	53.193	ng/u1	99
93) Benzo(a)pyrene	23.910	252	1565858	55.674	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.662	276	2104607	54.391	ng/u1	100
95) Dibenzo(a,h)anthracene	26.674	278	1751319	54.059	ng/u1	99
96) Benzo(g,h,i)perylene	27.474	276	1689277	53.558	ng/u1	99

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

