

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040523\
 Data File : BP014606.D
 Acq On : 07 Apr 2023 01:45
 Operator : CG/JU
 Sample : PB151949BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS949

Quant Time: Apr 07 02:57:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 07 00:45:34 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/07/2023
 Supervised By :Jagrut Upadhyay 04/07/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	149891	20.000	ng/u1	0.00
20) Naphthalene-d8	10.798	136	653733	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.633	164	399904	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.398	188	796548	20.000	ng/u1	0.00
79) Chrysene-d12	21.480	240	680310	20.000	ng/u1	0.00
88) Perylene-d12	23.986	264	773770	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	23626	6.112	ng/uL	0.00
4) Pyridine-d5	3.793	84	296898m	29.974	ng/u1	0.00
7) Phenol-d5	7.145	99	457511	33.096	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.310	67	302628	34.121	ng/u1	0.00
11) 2-Chlorophenol-d4	7.510	132	339045	33.934	ng/u1	0.00
15) 4-Methylphenol-d8	8.704	113	357811	32.089	ng/u1	0.00
21) Nitrobenzene-d5	9.157	128	169750	32.165	ng/u1	0.00
24) 2-Nitrophenol-d4	9.881	143	195779	32.397	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.428	165	349068	31.717	ng/u1	0.00
31) 4-Chloroaniline-d4	10.951	131	327771	22.610	ng/u1	0.00
46) Dimethylphthalate-d6	14.045	166	1009267	31.126	ng/u1	0.00
49) Acenaphthylene-d8	14.327	160	1156099	32.133	ng/u1	0.00
54) 4-Nitrophenol-d4	14.857	143	139657	28.510	ng/u1	0.00
60) Fluorene-d10	15.627	176	834631	30.866	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.763	200	182132	31.075	ng/u1	0.00
73) Anthracene-d10	17.492	188	1217989	31.596	ng/u1	0.00
81) Pyrene-d10	19.727	212	1308472	28.634	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.821	264	1324769	32.225	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.399	88	54610	12.857	ng/uL	92
5) Pyridine	3.810	79	320403	30.910	ng/u1	95
6) Benzaldehyde	7.122	77	193165m	28.113	ng/u1	
8) Phenol	7.175	94	473847	33.043	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.404	93	379880	32.965	ng/u1	98
12) 2-Chlorophenol	7.545	128	348701	33.532	ng/u1	96
13) 2-Methylphenol	8.434	108	344756	32.237	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.516	45	544895	36.013	ng/u1	99
16) Acetophenone	8.816	105	588680	31.971	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.798	70	336640	33.842	ng/u1	92
18) 4-Methylphenol	8.769	108	378532	32.229	ng/u1	98
19) Hexachloroethane	9.063	117	159661	35.139	ng/u1	94
22) Nitrobenzene	9.204	77	491793	32.438	ng/u1	99
23) Isophorone	9.728	82	900944	32.238	ng/u1	99
25) 2-Nitrophenol	9.916	139	201214	31.546	ng/u1	94
26) 2,4-Dimethylphenol	9.975	107	449420	31.479	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.210	93	521169	31.104	ng/u1	98
29) 2,4-Dichlorophenol	10.451	162	339745	31.368	ng/u1	94
30) Naphthalene	10.851	128	1136871	31.221	ng/u1	99
32) 4-Chloroaniline	10.975	127	279945	19.066	ng/u1	99
33) Hexachlorobutadiene	11.122	225	261690	30.497	ng/u1	98
34) Caprolactam	11.781	113	98878m	30.902	ng/u1	
35) 4-Chloro-3-methylphenol	12.098	107	411051	30.855	ng/u1	99
36) 2-Methylnaphthalene	12.457	142	749769	30.382	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.675	142	775403	31.682	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.822	216	448202	31.435	ng/ul	95
40) Hexachlorocyclopentadiene	12.792	237	279526	30.273	ng/ul	99
41) 2,4,6-Trichlorophenol	13.069	196	280126	31.749	ng/ul	99
42) 2,4,5-Trichlorophenol	13.151	196	296564	31.573	ng/ul	99
43) 1,1'-Biphenyl	13.463	154	1014753	31.408	ng/ul	99
44) 2-Chloronaphthalene	13.510	162	812237	31.795	ng/ul	99
45) 2-Nitroaniline	13.727	65	273980	34.632	ng/ul	94
47) Dimethylphthalate	14.092	163	997093	30.755	ng/ul	100
48) 2,6-Dinitrotoluene	14.222	165	205245	32.404	ng/ul	95
50) Acenaphthylene	14.357	152	1227322	32.031	ng/ul	99
51) 3-Nitroaniline	14.557	138	163155	28.752	ng/ul	97
52) Acenaphthene	14.698	153	850533	31.412	ng/ul	99
53) 2,4-Dinitrophenol	14.769	184	118066	28.784	ng/ul	95
55) 4-Nitrophenol	14.869	109	143635	29.711	ng/ul	95
56) Dibenzofuran	15.033	168	1173059	30.818	ng/ul	98
57) 2,4-Dinitrotoluene	15.010	165	286194	31.854	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.263	232	252334	29.890	ng/ul#	95
59) Diethylphthalate	15.451	149	994186	30.859	ng/ul	98
61) Fluorene	15.686	166	953306	30.899	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.674	204	500026	30.166	ng/ul	99
63) 4-Nitroaniline	15.727	138	155311	33.686	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.774	198	175509	30.899	ng/ul	99
67) N-Nitrosodiphenylamine	15.892	169	785676	31.702	ng/ul	99
68) 4-Bromophenyl-phenylether	16.574	248	307306	31.004	ng/ul	99
69) Hexachlorobenzene	16.692	284	350267	30.765	ng/ul	99
70) Atrazine	16.851	200	97946	10.857	ng/ul	99
71) Pentachlorophenol	17.045	266	185421	28.112	ng/ul	100
72) Phenanthrene	17.439	178	1404005	31.682	ng/ul	99
74) Anthracene	17.533	178	1414018	31.659	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.427	216	446886	31.872	ng/uL	99
76) Pentachlorobenzene	14.951	250	444804	31.793	ng/uL	99
77) Carbazole	17.804	167	1149122	30.744	ng/ul	100
78) Di-n-butylphthalate	18.333	149	1536949	32.703	ng/ul	100
80) Fluoranthene	19.398	202	1523423	28.196	ng/ul	97
82) Pyrene	19.751	202	1583293	28.068	ng/ul	97
83) Butylbenzylphthalate	20.609	149	637981	32.835	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.398	252	419033	27.850	ng/ul	99
85) Benzo(a)anthracene	21.462	228	1511115	31.345	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.362	149	939048	35.342	ng/ul	100
87) Chrysene	21.521	228	1466748	32.222	ng/ul	99
89) Di-n-octyl phthalate	22.321	149	1613439	32.132	ng/ul	100
90) Benzo(b)fluoranthene	23.215	252	1611814	30.843	ng/ul	99
91) Benzo(k)fluoranthene	23.262	252	1598997	31.504	ng/ul	100
93) Benzo(a)pyrene	23.874	252	1439702	32.006	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.603	276	1974300	31.902	ng/ul	98
95) Dibenzo(a,h)anthracene	26.621	278	1632116	31.500	ng/ul	100
96) Benzo(g,h,i)perylene	27.409	276	1613023	31.976	ng/ul	97

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

