

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052323\
 Data File : BP015269.D
 Acq On : 24 May 2023 10:27
 Operator : CG/JU
 Sample : PB152977BS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS977

Quant Time: May 24 18:06:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 23 01:25:41 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/25/2023
 Supervised By :Jagrut Upadhyay 05/25/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.116	152	238448	20.000	ng/u1	0.00
20) Naphthalene-d8	10.946	136	1053979	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.757	164	652099	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.510	188	1422563	20.000	ng/u1	0.00
79) Chrysene-d12	21.586	240	975102	20.000	ng/u1	0.00
88) Perylene-d12	24.145	264	1004516	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	41945	6.835	ng/uL	0.00
4) Pyridine-d5	3.864	84	374079	21.504	ng/u1	0.00
7) Phenol-d5	7.269	99	783882	35.407	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.440	67	465835	36.432	ng/u1	0.00
11) 2-Chlorophenol-d4	7.646	132	624348	38.355	ng/u1	0.00
15) 4-Methylphenol-d8	8.834	113	654547	37.103	ng/u1	0.00
21) Nitrobenzene-d5	9.299	128	316310	38.192	ng/u1	0.00
24) 2-Nitrophenol-d4	10.022	143	363869	39.485	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.563	165	654832	39.379	ng/u1	0.00
31) 4-Chloroaniline-d4	11.081	131	335170	13.623	ng/u1	0.00
46) Dimethylphthalate-d6	14.163	166	1940765	39.385	ng/u1	0.00
49) Acenaphthylene-d8	14.451	160	2193192	38.916	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	333045	34.807	ng/u1	0.00
60) Fluorene-d10	15.751	176	1586485	38.155	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	323016	36.030	ng/u1	0.00
73) Anthracene-d10	17.610	188	2389125	36.677	ng/u1	0.00
81) Pyrene-d10	19.828	212	2519850	44.556	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.980	264	1997831	40.065	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.464	88	87737	13.305	ng/uL	95
5) Pyridine	3.881	79	526360	29.093	ng/u1	94
6) Benzaldehyde	7.246	77	457632	75.204	ng/u1	98
8) Phenol	7.299	94	805248	35.470	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.534	93	629214	34.642	ng/u1	97
12) 2-Chlorophenol	7.675	128	619046	35.954	ng/u1	97
13) 2-Methylphenol	8.563	108	613069	34.941	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.652	45	814160	35.778	ng/u1	99
16) Acetophenone	8.952	105	967868	35.152	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.940	70	497014	34.419	ng/u1	94
18) 4-Methylphenol	8.899	108	673772	34.889	ng/u1	99
19) Hexachloroethane	9.210	117	247338	35.182	ng/u1	88
22) Nitrobenzene	9.340	77	763709	37.336	ng/u1	98
23) Isophorone	9.869	82	1452712	34.552	ng/u1	99
25) 2-Nitrophenol	10.057	139	374575	37.067	ng/u1	94
26) 2,4-Dimethylphenol	10.110	107	738015	36.598	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.346	93	893194	34.915	ng/u1	99
29) 2,4-Dichlorophenol	10.593	162	633293	37.703	ng/u1	100
30) Naphthalene	10.999	128	1985026	34.642	ng/u1	100
32) 4-Chloroaniline	11.104	127	653746	25.853	ng/u1	99
33) Hexachlorobutadiene	11.275	225	394151	38.934	ng/u1	98
34) Caprolactam	11.899	113	201460m	31.813	ng/u1	
35) 4-Chloro-3-methylphenol	12.222	107	715373	37.718	ng/u1	99
36) 2-Methylnaphthalene	12.593	142	1372212	35.542	ng/u1	100

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37) 1-Methylnaphthalene	12.810	142	1381350	35.628	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.957	216	769847	39.474	ng/ul	98
40) Hexachlorocyclopentadiene	12.934	237	365802	28.949	ng/ul	97
41) 2,4,6-Trichlorophenol	13.198	196	525723	38.174	ng/ul	96
42) 2,4,5-Trichlorophenol	13.269	196	585707	39.225	ng/ul	99
43) 1,1'-Biphenyl	13.593	154	1864726	36.856	ng/ul	99
44) 2-Chloronaphthalene	13.640	162	1470468	37.216	ng/ul	99
45) 2-Nitroaniline	13.845	65	455917	40.328	ng/ul	93
47) Dimethylphthalate	14.210	163	1889580	36.821	ng/ul	100
48) 2,6-Dinitrotoluene	14.334	165	412239	40.547	ng/ul	99
50) Acenaphthylene	14.481	152	2237900	35.589	ng/ul	99
51) 3-Nitroaniline	14.669	138	391996	42.818	ng/ul	100
52) Acenaphthene	14.822	153	1526154	35.535	ng/ul	99
53) 2,4-Dinitrophenol	14.875	184	211297	31.301	ng/ul	94
55) 4-Nitrophenol	14.969	109	276798	39.331	ng/ul	83
56) Dibenzofuran	15.157	168	2168274	36.297	ng/ul	97
57) 2,4-Dinitrotoluene	15.122	165	570514	38.779	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.381	232	473630	37.584	ng/ul	98
59) Diethylphthalate	15.569	149	1896401	37.051	ng/ul	100
61) Fluorene	15.804	166	1692114	35.248	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.792	204	868725	37.036	ng/ul	95
63) 4-Nitroaniline	15.834	138	378195	47.838	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.887	198	313769	33.912	ng/ul	97
67) N-Nitrosodiphenylamine	16.010	169	1472431	35.201	ng/ul	99
68) 4-Bromophenyl-phenylether	16.692	248	568389	38.791	ng/ul	99
69) Hexachlorobenzene	16.810	284	658439	38.026	ng/ul	99
70) Atrazine	16.957	200	361926	23.409	ng/ul	99
71) Pentachlorophenol	17.157	266	377987	34.898	ng/ul	99
72) Phenanthrene	17.557	178	2733732	35.290	ng/ul	99
74) Anthracene	17.645	178	2693323	34.383	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.563	216	789786	39.157	ng/ul	99
76) Pentachlorobenzene	15.075	250	751099	37.088	ng/ul	100
77) Carbazole	17.910	167	2347801	34.181	ng/ul	100
78) Di-n-butylphthalate	18.439	149	3210035	36.290	ng/ul	99
80) Fluoranthene	19.504	202	2996827	43.476	ng/ul	97
82) Pyrene	19.857	202	2941351	41.321	ng/ul	98
83) Butylbenzylphthalate	20.710	149	1343480	42.573	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.498	252	785334	36.671	ng/ul	98
85) Benzo(a)anthracene	21.569	228	2512265	37.261	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.469	149	1975267	43.478	ng/ul	99
87) Chrysene	21.627	228	2347330	36.420	ng/ul	99
89) Di-n-octyl phthalate	22.439	149	3072912	44.667	ng/ul	100
90) Benzo(b)fluoranthene	23.357	252	2382598	37.414	ng/ul	99
91) Benzo(k)fluoranthene	23.410	252	2383970	38.987	ng/ul	98
93) Benzo(a)pyrene	24.033	252	2082509	36.998	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.857	276	2710868	37.196	ng/ul	98
95) Dibenzo(a,h)anthracene	26.874	278	2252436	37.649	ng/ul	97
96) Benzo(g,h,i)perylene	27.692	276	2235191	37.610	ng/ul	97

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

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