

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052323\
 Data File : BP015240.D
 Acq On : 23 May 2023 14:52
 Operator : CG/JU
 Sample : 02861-07MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 H0FL1MS

Quant Time: May 23 23:05:56 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 05/24/2023
 Supervised By : mohammad ahmed 05/24/2023

05/24/2023
 Supervised By : mohammad
 ahmed

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.122	152	204229	20.000	ng/u1	0.00
20) Naphthalene-d8	10.951	136	884160	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.757	164	544135	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.510	188	1154047	20.000	ng/u1	0.00
79) Chrysene-d12	21.586	240	810182	20.000	ng/u1	0.00
88) Perylene-d12	24.145	264	886181	20.000	ng/u1	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	24584	4.677	ng/uL	0.00
4) Pyridine-d5	3.869	84	107618	7.223	ng/u1	0.00
7) Phenol-d5	7.269	99	112059	5.910	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.440	67	395130	36.080	ng/u1	0.00
11) 2-Chlorophenol-d4	7.646	132	362338	25.989	ng/u1	0.00
15) 4-Methylphenol-d8	8.834	113	242460	16.047	ng/u1	0.00
21) Nitrobenzene-d5	9.299	128	265957	38.280	ng/u1	0.00
24) 2-Nitrophenol-d4	10.022	143	272879	35.299	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.563	165	470060	33.697	ng/u1	0.00
31) 4-Chloroaniline-d4	11.087	131	288987	14.002	ng/u1	0.00
46) Dimethylphthalate-d6	14.163	166	1803024	43.850	ng/u1	0.00
49) Acenaphthylene-d8	14.457	160	1917447	40.773	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	44094m	5.523	ng/u1	0.00
60) Fluorene-d10	15.751	176	1471908	42.423	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	223687	30.756	ng/u1	0.00
73) Anthracene-d10	17.610	188	2172110	41.104	ng/u1	0.00
81) Pyrene-d10	19.827	212	2332342	49.636	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.980	264	1989368	45.222	ng/u1	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.464	88	26168	4.633	ng/uL# 92
5) Pyridine	3.893	79	173026	11.166	ng/u1 97
6) Benzaldehyde	7.252	77	358403m	68.766	ng/u1
8) Phenol	7.299	94	127188	6.541	ng/u1# 91
10) Bis(2-Chloroethyl)ether	7.534	93	532624	34.238	ng/u1 98
12) 2-Chlorophenol	7.681	128	367694	24.934	ng/u1 98
13) 2-Methylphenol	8.563	108	286745	19.081	ng/u1 99
14) 2,2'-oxybis(1-Chloropr...	8.657	45	684515	35.121	ng/u1 100
16) Acetophenone	8.957	105	831567	35.262	ng/u1 96
17) N-Nitroso-di-n-propyla...	8.934	70	435104	35.180	ng/u1 96
18) 4-Methylphenol	8.899	108	269783	16.310	ng/u1 98
19) Hexachloroethane	9.210	117	190860	31.697	ng/u1 93
22) Nitrobenzene	9.340	77	654234	38.127	ng/u1 97
23) Isophorone	9.869	82	1262133	35.785	ng/u1 99
25) 2-Nitrophenol	10.057	139	283919	33.492	ng/u1# 92
26) 2,4-Dimethylphenol	10.110	107	486567	28.763	ng/u1 96
27) Bis(2-Chloroethoxy)met...	10.351	93	778032	36.255	ng/u1 97
29) 2,4-Dichlorophenol	10.593	162	461881	32.779	ng/u1 98
30) Naphthalene	10.998	128	1676347	34.874	ng/u1 99
32) 4-Chloroaniline	11.110	127	446744	21.060	ng/u1 100
33) Hexachlorobutadiene	11.281	225	308795	36.361	ng/u1 99
34) Caprolactam	11.898	113	21153	3.982	ng/u1 87
35) 4-Chloro-3-methylphenol	12.222	107	497745	31.284	ng/u1 99
36) 2-Methylnaphthalene	12.598	142	1175851	36.305	ng/u1 100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.816	142	1220843	37.536	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.963	216	645761	39.681	ng/ul	97
40) Hexachlorocyclopentadiene	12.934	237	203987	19.346	ng/ul	99
41) 2,4,6-Trichlorophenol	13.198	196	409954	35.675	ng/ul	98
42) 2,4,5-Trichlorophenol	13.269	196	455071	36.523	ng/ul	99
43) 1,1'-Biphenyl	13.598	154	1654267	39.184	ng/ul	99
44) 2-Chloronaphthalene	13.639	162	1288561	39.083	ng/ul	99
45) 2-Nitroaniline	13.845	65	423057	44.846	ng/ul	92
47) Dimethylphthalate	14.210	163	1772653	41.396	ng/ul	100
48) 2,6-Dinitrotoluene	14.339	165	385952	45.493	ng/ul	98
50) Acenaphthylene	14.486	152	1999104	38.099	ng/ul	99
51) 3-Nitroaniline	14.669	138	319993	41.888	ng/ul	100
52) Acenaphthene	14.822	153	1404849	39.201	ng/ul	99
53) 2,4-Dinitrophenol	14.875	184	86670	15.387	ng/ul	94
55) 4-Nitrophenol	14.969	109	36579	6.229	ng/ul	88
56) Dibenzofuran	15.157	168	1989751	39.917	ng/ul	98
57) 2,4-Dinitrotoluene	15.122	165	533575	43.464	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.381	232	374283	35.593	ng/ul	98
59) Diethylphthalate	15.569	149	1813790	42.468	ng/ul	100
61) Fluorene	15.804	166	1597450	39.878	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.792	204	803811	41.068	ng/ul	96
63) 4-Nitroaniline	15.828	138	324201	49.145	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.886	198	223418	29.765	ng/ul	99
67) N-Nitrosodiphenylamine	16.010	169	1205414	35.523	ng/ul	100
68) 4-Bromophenyl-phenylether	16.692	248	528039	44.422	ng/ul	99
69) Hexachlorobenzene	16.810	284	610046	43.428	ng/ul	98
70) Atrazine	16.957	200	285560	22.767	ng/ul	99
71) Pentachlorophenol	17.157	266	267957	30.495	ng/ul	99
72) Phenanthrene	17.557	178	2563818	40.798	ng/ul	100
74) Anthracene	17.645	178	2509303	39.487	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.563	216	676103	41.320	ng/ul	99
76) Pentachlorobenzene	15.075	250	689657	41.977	ng/ul	100
77) Carbazole	17.910	167	2225177	39.933	ng/ul	100
78) Di-n-butylphthalate	18.439	149	3087628	43.028	ng/ul	99
80) Fluoranthene	19.504	202	2799450	48.880	ng/ul	98
82) Pyrene	19.857	202	2796621	47.286	ng/ul	98
83) Butylbenzylphthalate	20.710	149	1254494	47.846	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.498	252	569234	31.991	ng/ul	96
85) Benzo(a)anthracene	21.568	228	2438351	43.527	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.468	149	1829163	48.458	ng/ul	100
87) Chrysene	21.627	228	2294059	42.839	ng/ul	98
89) Di-n-octyl phthalate	22.445	149	2847137	46.911	ng/ul	100
90) Benzo(b)fluoranthene	23.357	252	2401194	42.742	ng/ul	99
91) Benzo(k)fluoranthene	23.410	252	2382756	44.171	ng/ul	99
93) Benzo(a)pyrene	24.033	252	2085854	42.006	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.856	276	2841001	44.186	ng/ul	98
95) Dibenzo(a,h)anthracene	26.874	278	2353487	44.591	ng/ul	99
96) Benzo(g,h,i)perylene	27.692	276	2355459	44.926	ng/ul	97

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

