

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
 Data File : BP014414.D
 Acq On : 30 Mar 2023 22:03
 Operator : CG/JU
 Sample : 02038-09MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EYF73MS

Quant Time: Mar 31 00:13:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 30 12:32:14 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/31/2023
 Supervised By :Jagrut Upadhyay 03/31/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	152266	20.000	ng/u1	0.00
20) Naphthalene-d8	10.840	136	678478	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.669	164	450442	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.433	188	932341	20.000	ng/u1	0.00
79) Chrysene-d12	21.521	240	661746	20.000	ng/u1	0.00
88) Perylene-d12	24.039	264	661799	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	19583	4.987	ng/uL	0.00
4) Pyridine-d5	3.822	84	146232	14.533	ng/u1	0.00
7) Phenol-d5	7.175	99	109831	7.821	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.340	67	366328	40.659	ng/u1	0.00
11) 2-Chlorophenol-d4	7.546	132	304717	30.023	ng/u1	0.00
15) 4-Methylphenol-d8	8.734	113	212753	18.782	ng/u1	0.00
21) Nitrobenzene-d5	9.193	128	219068	39.996	ng/u1	0.00
24) 2-Nitrophenol-d4	9.916	143	245282	39.108	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.457	165	414306	36.272	ng/u1	0.00
31) 4-Chloroaniline-d4	10.981	131	536701	35.672	ng/u1	0.00
46) Dimethylphthalate-d6	14.075	166	1514300	41.462	ng/u1	0.00
49) Acenaphthylene-d8	14.363	160	1635120	40.348	ng/u1	0.00
54) 4-Nitrophenol-d4	14.886	143	41820	7.579	ng/u1	0.00
60) Fluorene-d10	15.669	176	1254890	41.202	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.792	200	276546	40.311	ng/u1	0.00
73) Anthracene-d10	17.533	188	1855039	41.112	ng/u1	0.00
81) Pyrene-d10	19.763	212	1912152	43.019	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.874	264	1509802	42.940	ng/u1	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.422	88	22253	5.157	ng/uL	93
5) Pyridine	3.846	79	136010	12.917	ng/u1	97
6) Benzaldehyde	7.152	77	324435	46.481	ng/u1	98
8) Phenol	7.205	94	112880	7.749	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.434	93	449139	38.367	ng/u1	100
12) 2-Chlorophenol	7.575	128	304769	28.850	ng/u1	94
13) 2-Methylphenol	8.463	108	236622	21.781	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.552	45	616747	40.126	ng/u1	100
16) Acetophenone	8.851	105	737737	39.441	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.828	70	413851	40.956	ng/u1	95
18) 4-Methylphenol	8.799	108	224057	18.779	ng/u1	98
19) Hexachloroethane	9.099	117	176869	38.319	ng/u1	94
22) Nitrobenzene	9.234	77	599720	38.114	ng/u1	100
23) Isophorone	9.763	82	1153140	39.757	ng/u1	99
25) 2-Nitrophenol	9.951	139	247563	37.397	ng/u1	100
26) 2,4-Dimethylphenol	10.004	107	357832	24.150	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.246	93	674535	38.789	ng/u1	100
29) 2,4-Dichlorophenol	10.487	162	388601	34.570	ng/u1	97
30) Naphthalene	10.893	128	1408108	37.259	ng/u1	100
32) 4-Chloroaniline	11.010	127	429021	28.153	ng/u1	99
33) Hexachlorobutadiene	11.163	225	322486	36.212	ng/u1	99
34) Caprolactam	11.816	113	16332m	4.918	ng/u1	
35) 4-Chloro-3-methylphenol	12.122	107	435362	31.488	ng/u1	99
36) 2-Methylnaphthalene	12.492	142	984859	38.453	ng/u1	99

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37) 1-Methylnaphthalene	12.716	142	1011773	39.832	ng/u1	97
39) 1,2,4,5-Tetrachloroben...	12.863	216	592819	36.913	ng/u1	98
40) Hexachlorocyclopentadiene	12.834	237	293926	28.261	ng/u1	97
41) 2,4,6-Trichlorophenol	13.104	196	372893	37.522	ng/u1	100
42) 2,4,5-Trichlorophenol	13.181	196	397302	37.552	ng/u1	99
43) 1,1'-Biphenyl	13.504	154	1374139	37.760	ng/u1	99
44) 2-Chloronaphthalene	13.545	162	1079846	37.528	ng/u1	98
45) 2-Nitroaniline	13.763	65	378225	42.445	ng/u1	99
47) Dimethylphthalate	14.122	163	1462208	40.042	ng/u1	99
48) 2,6-Dinitrotoluene	14.257	165	303509	42.541	ng/u1	97
50) Acenaphthylene	14.392	152	1671367	38.725	ng/u1	99
51) 3-Nitroaniline	14.586	138	257816	40.336	ng/u1	100
52) Acenaphthene	14.734	153	1183292	38.798	ng/u1	100
53) 2,4-Dinitrophenol	14.798	184	174989	37.875	ng/u1	97
55) 4-Nitrophenol	14.904	109	40005	7.347	ng/u1	94
56) Dibenzofuran	15.069	168	1651292	38.515	ng/u1	99
57) 2,4-Dinitrotoluene	15.045	165	422818	41.780	ng/u1	99
58) 2,3,4,6-Tetrachlorophenol	15.298	232	360688	37.931	ng/u1	98
59) Diethylphthalate	15.486	149	1464834	40.367	ng/u1	99
61) Fluorene	15.722	166	1350776	38.870	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.710	204	727709	38.977	ng/u1	99
63) 4-Nitroaniline	15.757	138	238584	45.941	ng/u1	97
66) 4,6-Dinitro-2-methylph...	15.810	198	258442	38.873	ng/u1#	96
67) N-Nitrosodiphenylamine	15.928	169	1140539	39.318	ng/u1	99
68) 4-Bromophenyl-phenylether	16.610	248	462144	39.834	ng/u1	98
69) Hexachlorobenzene	16.728	284	524974	39.394	ng/u1	100
70) Atrazine	16.886	200	302791	28.674	ng/u1	98
71) Pentachlorophenol	17.080	266	264149	34.215	ng/u1	99
72) Phenanthrene	17.475	178	2057195	39.661	ng/u1	100
74) Anthracene	17.569	178	2064502	39.491	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.469	216	612048	37.294	ng/uL	99
76) Pentachlorobenzene	14.986	250	616196	37.629	ng/uL	98
77) Carbazole	17.839	167	1737903	39.724	ng/u1	100
78) Di-n-butylphthalate	18.369	149	2356717	42.842	ng/u1	99
80) Fluoranthene	19.433	202	2215464	42.155	ng/u1	99
82) Pyrene	19.792	202	2211038	40.297	ng/u1	100
83) Butylbenzylphthalate	20.645	149	860419	45.525	ng/u1	98
84) 3,3'-Dichlorobenzidine	21.433	252	583657	39.880	ng/u1	99
85) Benzo(a)anthracene	21.504	228	1885292	40.204	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.398	149	1214358	46.986	ng/u1	100
87) Chrysene	21.557	228	1782666	40.261	ng/u1	99
89) Di-n-octyl phthalate	22.363	149	1938464	45.136	ng/u1	100
90) Benzo(b)fluoranthene	23.262	252	1833938	41.031	ng/u1	99
91) Benzo(k)fluoranthene	23.315	252	1726009	39.760	ng/u1	99
93) Benzo(a)pyrene	23.927	252	1572768	40.880	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.686	276	2193962	41.450	ng/u1	98
95) Dibenzo(a,h)anthracene	26.703	278	1837294	41.459	ng/u1	99
96) Benzo(g,h,i)perylene	27.503	276	1775677	41.156	ng/u1	98

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

