

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
 Data File : BP014415.D
 Acq On : 30 Mar 2023 22:36
 Operator : CG/JU
 Sample : 02038-10MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EYF73MSD

Quant Time: Mar 31 00:14:09 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	163909	20.000	ng/u1	0.00
20) Naphthalene-d8	10.840	136	730613	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.669	164	481833	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.434	188	993216	20.000	ng/u1	0.00
79) Chrysene-d12	21.522	240	725386	20.000	ng/u1	0.00
88) Perylene-d12	24.039	264	687284	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	19525	4.619	ng/uL	0.00
4) Pyridine-d5	3.822	84	146508	13.526	ng/u1	0.00
7) Phenol-d5	7.175	99	112144	7.419	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.340	67	378533	39.029	ng/u1	0.00
11) 2-Chlorophenol-d4	7.546	132	314137	28.752	ng/u1	0.00
15) 4-Methylphenol-d8	8.734	113	219133	17.971	ng/u1	0.00
21) Nitrobenzene-d5	9.193	128	223915	37.964	ng/u1	0.00
24) 2-Nitrophenol-d4	9.916	143	258431	38.265	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.457	165	422746	34.370	ng/u1	0.00
31) 4-Chloroaniline-d4	10.981	131	546891	33.756	ng/u1	0.00
46) Dimethylphthalate-d6	14.075	166	1565793	40.079	ng/u1	0.00
49) Acenaphthylene-d8	14.363	160	1693496	39.066	ng/u1	0.00
54) 4-Nitrophenol-d4	14.887	143	44446	7.531	ng/u1	0.00
60) Fluorene-d10	15.663	176	1278872	39.254	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.792	200	287470	39.335	ng/u1	0.00
73) Anthracene-d10	17.534	188	1890190	39.324	ng/u1	0.00
81) Pyrene-d10	19.763	212	2014068	41.336	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.874	264	1499023	41.052	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.422	88	23081	4.969	ng/uL	90
5) Pyridine	3.840	79	143474	12.658	ng/u1	94
6) Benzaldehyde	7.152	77	333325	44.362	ng/u1	99
8) Phenol	7.205	94	114280	7.288	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.434	93	461063	36.588	ng/u1	100
12) 2-Chlorophenol	7.575	128	313536	27.572	ng/u1	95
13) 2-Methylphenol	8.463	108	242536	20.739	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.552	45	634510m	38.349	ng/u1	
16) Acetophenone	8.852	105	757185	37.606	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.828	70	429196	39.457	ng/u1	97
18) 4-Methylphenol	8.799	108	227545	17.717	ng/u1	100
19) Hexachloroethane	9.099	117	179976	36.222	ng/u1	98
22) Nitrobenzene	9.234	77	610254	36.016	ng/u1	99
23) Isophorone	9.763	82	1191011	38.132	ng/u1	99
25) 2-Nitrophenol	9.952	139	254265	35.668	ng/u1	99
26) 2,4-Dimethylphenol	10.005	107	364375	22.837	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.246	93	688623	36.774	ng/u1	99
29) 2,4-Dichlorophenol	10.487	162	399240	32.982	ng/u1	97
30) Naphthalene	10.893	128	1445016	35.507	ng/u1	99
32) 4-Chloroaniline	11.004	127	445816	27.168	ng/u1	100
33) Hexachlorobutadiene	11.163	225	324646	33.853	ng/u1	98
34) Caprolactam	11.810	113	17170m	4.801	ng/u1	
35) 4-Chloro-3-methylphenol	12.122	107	448453	30.121	ng/u1	99
36) 2-Methylnaphthalene	12.493	142	1008814	36.578	ng/u1	99

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37) 1-Methylnaphthalene	12.716	142	1038293	37.960	ng/u1	98
39) 1,2,4,5-Tetrachloroben...	12.863	216	614061	35.745	ng/u1	99
40) Hexachlorocyclopentadiene	12.834	237	300045	26.970	ng/u1	98
41) 2,4,6-Trichlorophenol	13.104	196	383765	36.100	ng/u1	98
42) 2,4,5-Trichlorophenol	13.181	196	405112	35.796	ng/u1	97
43) 1,1'-Biphenyl	13.504	154	1422616	36.545	ng/u1	99
44) 2-Chloronaphthalene	13.545	162	1120390	36.401	ng/u1	100
45) 2-Nitroaniline	13.763	65	388668	40.775	ng/u1	98
47) Dimethylphthalate	14.122	163	1501627	38.442	ng/u1	99
48) 2,6-Dinitrotoluene	14.251	165	310923	40.741	ng/u1	98
50) Acenaphthylene	14.393	152	1722741	37.315	ng/u1	99
51) 3-Nitroaniline	14.587	138	268402	39.257	ng/u1	95
52) Acenaphthene	14.734	153	1216175	37.279	ng/u1	99
53) 2,4-Dinitrophenol	14.798	184	184915	37.416	ng/u1	96
55) 4-Nitrophenol	14.898	109	42544	7.304	ng/u1	95
56) Dibenzofuran	15.069	168	1688576	36.819	ng/u1	100
57) 2,4-Dinitrotoluene	15.045	165	441202	40.756	ng/u1	94
58) 2,3,4,6-Tetrachlorophenol	15.298	232	370574	36.432	ng/u1	99
59) Diethylphthalate	15.487	149	1539902	39.671	ng/u1	99
61) Fluorene	15.722	166	1382208	37.183	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.710	204	753122	37.710	ng/u1	97
63) 4-Nitroaniline	15.757	138	237917	42.828	ng/u1	98
66) 4,6-Dinitro-2-methylph...	15.810	198	268133	37.859	ng/u1	95
67) N-Nitrosodiphenylamine	15.928	169	1165403	37.712	ng/u1	99
68) 4-Bromophenyl-phenylether	16.610	248	466956	37.782	ng/u1	99
69) Hexachlorobenzene	16.728	284	530864	37.395	ng/u1	99
70) Atrazine	16.886	200	314766	27.981	ng/u1	98
71) Pentachlorophenol	17.081	266	274329	33.356	ng/u1	97
72) Phenanthrene	17.475	178	2090602	37.834	ng/u1	99
74) Anthracene	17.569	178	2091399	37.553	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.469	216	628498	35.949	ng/uL	99
76) Pentachlorobenzene	14.987	250	648935	37.199	ng/uL	99
77) Carbazole	17.839	167	1785010	38.300	ng/u1	99
78) Di-n-butylphthalate	18.369	149	2497503	42.618	ng/u1	100
80) Fluoranthene	19.433	202	2349264	40.779	ng/u1	100
82) Pyrene	19.792	202	2318198	38.543	ng/u1	98
83) Butylbenzylphthalate	20.645	149	904705	43.668	ng/u1	97
84) 3,3'-Dichlorobenzidine	21.427	252	616830	38.449	ng/u1	99
85) Benzo(a)anthracene	21.504	228	1984633	38.609	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.398	149	1266474	44.704	ng/u1	100
87) Chrysene	21.557	228	1841640	37.944	ng/u1	99
89) Di-n-octyl phthalate	22.363	149	1959534	43.935	ng/u1	100
90) Benzo(b)fluoranthene	23.263	252	1793835	38.646	ng/u1	98
91) Benzo(k)fluoranthene	23.316	252	1803154	39.997	ng/u1	99
93) Benzo(a)pyrene	23.927	252	1568502	39.257	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.692	276	2163058	39.351	ng/u1	98
95) Dibenzo(a,h)anthracene	26.704	278	1816396	39.468	ng/u1	99
96) Benzo(g,h,i)perylene	27.504	276	1763054	39.348	ng/u1	97

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

