

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
 Data File : BP013539.D
 Acq On : 19 Jan 2023 01:03
 Operator : CG/JU
 Sample : 01146-20MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

A4470MSD

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/19/2023
 Supervised By :mohammad ahmed 01/20/2023

Supervised By :mohammad

Supervised By :mohammad

01/20/2023

01/20/2023

Quant Time: Jan 19 01:51:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 18 01:06:35 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	567794	20.000	ng/u1	0.00
20) Naphthalene-d8	10.710	136	2160089	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.546	164	1156147	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.316	188	3650866	20.000	ng/u1	0.00
79) Chrysene-d12	21.392	240	2435518	20.000	ng/u1	0.00
88) Perylene-d12	23.845	264	2992182	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	43257	2.961	ng/uL	0.00
4) Pyridine-d5	3.723	84	295169	7.245	ng/u1	0.00
7) Phenol-d5	7.081	99	750648	15.932	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.228	67	543716	18.292	ng/u1	0.00
11) 2-Chlorophenol-d4	7.428	132	374152	10.649	ng/u1	0.00
15) 4-Methylphenol-d8	8.611	113	699932	19.499	ng/u1	0.00
21) Nitrobenzene-d5	9.069	128	350575	22.794	ng/u1	0.00
24) 2-Nitrophenol-d4	9.787	143	120148	7.136	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	252207	7.517	ng/u1	0.00
31) 4-Chloroaniline-d4	10.852	131	815328	17.249	ng/u1	0.00
46) Dimethylphthalate-d6	13.951	166	1849275	21.954	ng/u1	0.00
49) Acenaphthylene-d8	14.240	160	2215602	23.762	ng/u1	0.00
54) 4-Nitrophenol-d4	14.751	143	3143m	0.204	ng/u1	0.00
60) Fluorene-d10	15.540	176	1594617	21.432	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.687	200	6268	0.271	ng/u1	0.02
73) Anthracene-d10	17.416	188	2383262	14.769	ng/u1	0.00
81) Pyrene-d10	19.645	212	3008233	22.702	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.686	264	3362283	22.876	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.329	88	100607	6.254	ng/uL	97
5) Pyridine	3.740	79	365892	8.881	ng/u1	99
6) Benzaldehyde	7.034	77	621351	34.577	ng/u1	96
8) Phenol	7.111	94	1051469	21.572	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.317	93	779651	20.228	ng/u1	99
12) 2-Chlorophenol	7.458	128	802705	21.930	ng/u1	98
13) 2-Methylphenol	8.352	108	755065	21.570	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.434	45	1174270m	19.743	ng/u1	
16) Acetophenone	8.728	105	1260121	22.243	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.711	70	592902	21.890	ng/u1	98
18) 4-Methylphenol	8.675	108	825016	21.442	ng/u1	98
19) Hexachloroethane	8.975	117	326457	22.135	ng/u1	98
22) Nitrobenzene	9.111	77	907774	22.612	ng/u1	96
23) Isophorone	9.634	82	1640055	23.343	ng/u1	99
25) 2-Nitrophenol	9.822	139	468093	25.571	ng/u1	96
26) 2,4-Dimethylphenol	9.881	107	826551	21.644	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.116	93	1022536	22.024	ng/u1	99
29) 2,4-Dichlorophenol	10.358	162	793220	23.629	ng/u1	100
30) Naphthalene	10.758	128	2538726	22.093	ng/u1	99
32) 4-Chloroaniline	10.869	127	814727	17.143	ng/u1	99
33) Hexachlorobutadiene	11.034	225	566176	23.487	ng/u1	98
34) Caprolactam	11.657	113	211293	21.157	ng/u1	95
35) 4-Chloro-3-methylphenol	11.999	107	776776	23.976	ng/u1	99
36) 2-Methylnaphthalene	12.369	142	1651224	22.469	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.587	142	1679528	22.033	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.734	216	1000608	25.245	ng/ul	99
40) Hexachlorocyclopentadiene	12.710	237	510885	21.425	ng/ul	99
41) 2,4,6-Trichlorophenol	12.975	196	631465	27.083	ng/ul	98
42) 2,4,5-Trichlorophenol	13.052	196	661648	26.076	ng/ul	98
43) 1,1'-Biphenyl	13.375	154	2174648	24.775	ng/ul	100
44) 2-Chloronaphthalene	13.422	162	1713260	24.189	ng/ul	99
45) 2-Nitroaniline	13.628	65	473504	27.625	ng/ul	95
47) Dimethylphthalate	13.999	163	1987557	23.618	ng/ul	99
48) 2,6-Dinitrotoluene	14.122	165	399106	27.386	ng/ul	97
50) Acenaphthylene	14.263	152	2540175	24.720	ng/ul	100
51) 3-Nitroaniline	14.457	138	356389	23.089	ng/ul	97
52) Acenaphthene	14.604	153	1729033	23.509	ng/ul	100
53) 2,4-Dinitrophenol	14.669	184	214246	19.751	ng/ul#	82
55) 4-Nitrophenol	14.763	109	246977	21.075	ng/ul	95
56) Dibenzofuran	14.946	168	2415304	22.866	ng/ul	98
57) 2,4-Dinitrotoluene	14.916	165	555130	25.627	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.169	232	540338	24.412	ng/ul	99
59) Diethylphthalate	15.369	149	1844661	23.419	ng/ul	100
61) Fluorene	15.593	166	1967109	23.331	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.587	204	1016128	23.078	ng/ul	97
63) 4-Nitroaniline	15.622	138	392358	27.492	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.687	198	312685	13.684	ng/ul	96
67) N-Nitrosodiphenylamine	15.804	169	942079	9.541	ng/ul	100
68) 4-Bromophenyl-phenylether	16.487	248	620145	16.399	ng/ul	99
69) Hexachlorobenzene	16.604	284	716341	15.710	ng/ul	97
70) Atrazine	16.769	200	602415	15.959	ng/ul	99
71) Pentachlorophenol	16.951	266	364867	13.444	ng/ul	98
72) Phenanthrene	17.363	178	2871795	14.796	ng/ul	100
74) Anthracene	17.451	178	2969245	15.487	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.340	216	955072	17.323	ng/ul	99
76) Pentachlorobenzene	14.863	250	882828	16.446	ng/ul	99
77) Carbazole	17.716	167	2745484	16.533	ng/ul	99
78) Di-n-butylphthalate	18.269	149	3086493	18.952	ng/ul	99
80) Fluoranthene	19.322	202	3687505	24.313	ng/ul	99
82) Pyrene	19.669	202	3876312	24.121	ng/ul	98
83) Butylbenzylphthalate	20.533	149	1598619	32.783	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.322	252	196441	4.377	ng/ul#	93
85) Benzo(a)anthracene	21.375	228	3976401	24.654	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.281	149	42368758m	623.753	ng/ul	
87) Chrysene	21.433	228	3897931	24.795	ng/ul	99
89) Di-n-octyl phthalate	22.228	149	4190559	32.675	ng/ul	100
90) Benzo(b)fluoranthene	23.098	252	4478806	23.669	ng/ul	99
91) Benzo(k)fluoranthene	23.145	252	4338472	24.027	ng/ul	99
93) Benzo(a)pyrene	23.739	252	3975635	23.928	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.410	276	5458748	23.712	ng/ul	99
95) Dibenzo(a,h)anthracene	26.421	278	4556554	23.727	ng/ul	99
96) Benzo(g,h,i)perylene	27.192	276	3924193	20.724	ng/ul	100

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

