

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020223\
 Data File : BP013721.D
 Acq On : 02 Feb 2023 21:46
 Operator : CG/JU
 Sample : 01314-21MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A44L5MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/03/2023
 Supervised By : Jagrut Upadhyay 02/03/2023

Quant Time: Feb 02 23:47:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 02 00:55:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.134	152	301286	20.000	ng/u1	0.00
20) Naphthalene-d8	10.963	136	1322899	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.769	164	951453	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.528	188	2294013	20.000	ng/u1	0.00
79) Chrysene-d12	21.604	240	2265917	20.000	ng/u1	0.00
88) Perylene-d12	24.180	264	2507922	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.476	96	30284	4.262	ng/uL	0.00
4) Pyridine-d5	3.917	84	190103	9.323	ng/u1	0.00
7) Phenol-d5	7.281	99	144191	5.445	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.452	67	470561	30.300	ng/u1	0.00
11) 2-Chlorophenol-d4	7.658	132	423855	21.836	ng/u1	0.00
15) 4-Methylphenol-d8	8.840	113	281988	13.358	ng/u1	0.00
21) Nitrobenzene-d5	9.305	128	279259	33.091	ng/u1	0.00
24) 2-Nitrophenol-d4	10.034	143	311163	31.639	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.575	165	623604	27.115	ng/u1	0.00
31) 4-Chloroaniline-d4	11.093	131	717874	23.633	ng/u1	0.00
46) Dimethylphthalate-d6	14.175	166	2453537	32.714	ng/u1	0.00
49) Acenaphthylene-d8	14.469	160	2633440	31.781	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	70541	5.580	ng/u1	0.00
60) Fluorene-d10	15.763	176	2182022	33.754	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	426611	33.185	ng/u1	0.00
73) Anthracene-d10	17.628	188	3593771	33.608	ng/u1	0.00
81) Pyrene-d10	19.845	212	4569373	36.156	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.016	264	4433956	34.633	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.517	88	28645	3.868	ng/uL	99
5) Pyridine	3.934	79	203518	9.913	ng/u1	100
6) Benzaldehyde	7.264	77	518864m	48.870	ng/u1	
8) Phenol	7.305	94	164945	6.087	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.546	93	674231	30.962	ng/u1	95
12) 2-Chlorophenol	7.693	128	456775	23.227	ng/u1	98
13) 2-Methylphenol	8.575	108	338893	16.379	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.658	45	793463	30.775	ng/u1	99
16) Acetophenone	8.963	105	1061635	32.261	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.946	70	538957	32.694	ng/u1	100
18) 4-Methylphenol	8.905	108	327622	14.580	ng/u1	100
19) Hexachloroethane	9.228	117	224756	29.199	ng/u1	98
22) Nitrobenzene	9.352	77	1160159	50.899	ng/u1	98
23) Isophorone	9.881	82	1634621	31.324	ng/u1	100
25) 2-Nitrophenol	10.069	139	349162	32.087	ng/u1	96
26) 2,4-Dimethylphenol	10.116	107	583938	23.750	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.358	93	986836	31.204	ng/u1	99
29) 2,4-Dichlorophenol	10.605	162	633598	28.466	ng/u1	99
30) Naphthalene	11.016	128	2131212	30.481	ng/u1	99
32) 4-Chloroaniline	11.122	127	730697	23.902	ng/u1	100
33) Hexachlorobutadiene	11.299	225	464950	29.619	ng/u1	98
34) Caprolactam	11.910	113	24988	3.320	ng/u1	85
35) 4-Chloro-3-methylphenol	12.222	107	617195	25.889	ng/u1	96
36) 2-Methylnaphthalene	12.610	142	1579190	31.731	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.828	142	1628053	32.389	ng/u1	98
39) 1,2,4,5-Tetrachloroben...	12.975	216	1020185	32.460	ng/u1	99
40) Hexachlorocyclopentadiene	12.951	237	443234	25.083	ng/u1	100
41) 2,4,6-Trichlorophenol	13.204	196	663750	31.881	ng/u1	98
42) 2,4,5-Trichlorophenol	13.275	196	728943	32.126	ng/u1	98
43) 1,1'-Biphenyl	13.604	154	2292283	31.821	ng/u1	99
44) 2-Chloronaphthalene	13.651	162	1815903	31.862	ng/u1	99
45) 2-Nitroaniline	13.851	65	446671	41.172	ng/u1	98
47) Dimethylphthalate	14.222	163	2520046	34.106	ng/u1	99
48) 2,6-Dinitrotoluene	14.346	165	467655	44.412	ng/u1	95
50) Acenaphthylene	14.493	152	2846855	32.581	ng/u1	100
51) 3-Nitroaniline	14.675	138	417509	37.512	ng/u1	98
52) Acenaphthene	14.834	153	1993703	33.203	ng/u1	100
53) 2,4-Dinitrophenol	14.875	184	230845	28.225	ng/u1	99
55) 4-Nitrophenol	14.969	109	57087	5.924	ng/u1	91
56) Dibenzofuran	15.169	168	2970546	34.058	ng/u1	99
57) 2,4-Dinitrotoluene	15.128	165	703003	42.506	ng/u1	99
58) 2,3,4,6-Tetrachlorophenol	15.393	232	721187	33.819	ng/u1	96
59) Diethylphthalate	15.581	149	2491475	35.124	ng/u1	99
61) Fluorene	15.822	166	2429939	34.234	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.804	204	1348046	34.859	ng/u1	98
63) 4-Nitroaniline	15.840	138	495576	47.553	ng/u1	98
66) 4,6-Dinitro-2-methylph...	15.893	198	439362	34.341	ng/u1	96
67) N-Nitrosodiphenylamine	16.022	169	2110746	34.089	ng/u1	100
68) 4-Bromophenyl-phenylether	16.704	248	927797	35.548	ng/u1	99
69) Hexachlorobenzene	16.828	284	1079901	35.268	ng/u1	97
70) Atrazine	16.975	200	881857	35.387	ng/u1	100
71) Pentachlorophenol	17.169	266	643664	32.934	ng/u1	98
72) Phenanthrene	17.569	178	4228740	34.898	ng/u1	99
74) Anthracene	17.663	178	4229499	34.461	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.575	216	1039564	31.809	ng/uL	98
76) Pentachlorobenzene	15.087	250	1132514	33.801	ng/uL	98
77) Carbazole	17.922	167	3852537	36.183	ng/u1	100
78) Di-n-butylphthalate	18.457	149	4427405	35.192	ng/u1	100
80) Fluoranthene	19.516	202	5452910	37.018	ng/u1	98
82) Pyrene	19.875	202	5610464	37.253	ng/u1	100
83) Butylbenzylphthalate	20.728	149	1875286	43.340	ng/u1	98
84) 3,3'-Dichlorobenzidine	21.510	252	1216864	23.644	ng/u1	98
85) Benzo(a)anthracene	21.586	228	5651630	36.280	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.486	149	2869321	38.678	ng/u1	98
87) Chrysene	21.645	228	5372582	36.632	ng/u1	99
89) Di-n-octyl phthalate	22.469	149	4925702	37.285	ng/u1	100
90) Benzo(b)fluoranthene	23.392	252	6091914	37.210	ng/u1	100
91) Benzo(k)fluoranthene	23.439	252	5738847	36.677	ng/u1	99
93) Benzo(a)pyrene	24.069	252	5066001	35.843	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.898	276	6065500	34.637	ng/u1	100
95) Dibenzo(a,h)anthracene	26.921	278	5086013	35.034	ng/u1	100
96) Benzo(g,h,i)perylene	27.739	276	4693412	33.879	ng/u1	100

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

