

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
 Data File : BP016886.D
 Acq On : 31 Aug 2023 00:12
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 106 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020712

Quant Time: Aug 31 02:07:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 30 02:25:00 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/31/2023
 Supervised By :mohammad ahmed 08/31/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	547320	20.000	ng/u1	0.00
20) Naphthalene-d8	10.852	136	2418289	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.675	164	1659043	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.445	188	3765025	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	3198537	20.000	ng/u1	0.00
88) Perylene-d12	24.110	264	2845281	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	94390	7.128	ng/uL	0.00
4) Pyridine-d5	3.811	84	722435	17.852	ng/u1	0.00
7) Phenol-d5	7.163	99	882304	18.129	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.358	67	564528	18.200	ng/u1	0.00
11) 2-Chlorophenol-d4	7.540	132	688722	18.822	ng/u1	0.00
15) 4-Methylphenol-d8	8.728	113	728397	18.334	ng/u1	0.00
21) Nitrobenzene-d5	9.216	128	343827	18.804	ng/u1	0.00
24) 2-Nitrophenol-d4	9.934	143	368581	19.124	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.457	165	711902	19.813	ng/u1	0.00
31) 4-Chloroaniline-d4	11.010	131	1053730	19.123	ng/u1	0.00
46) Dimethylphthalate-d6	14.087	166	2375361	18.985	ng/u1	0.00
49) Acenaphthylene-d8	14.375	160	2688041	19.005	ng/u1	0.00
54) 4-Nitrophenol-d4	14.887	143	440393	17.030	ng/u1	0.00
60) Fluorene-d10	15.669	176	2040090	19.363	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	354688	15.819	ng/u1	0.00
73) Anthracene-d10	17.545	188	3186686	19.095	ng/u1	0.00
81) Pyrene-d10	19.780	212	3646341	20.757	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.939	264	2699137	18.938	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.417	88	102714	7.122	ng/uL	97
5) Pyridine	3.834	79	751263	18.022	ng/u1	100
6) Benzaldehyde	7.175	77	574692	21.593	ng/u1	99
8) Phenol	7.193	94	930361	18.266	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.452	93	746746	18.164	ng/u1	99
12) 2-Chlorophenol	7.575	128	696966	18.634	ng/u1	99
13) 2-Methylphenol	8.458	108	693306	18.147	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.534	45	1099177m	18.328	ng/u1	
16) Acetophenone	8.869	105	1131752	18.371	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.840	70	600401	18.494	ng/u1	99
18) 4-Methylphenol	8.793	108	765000	18.388	ng/u1	99
19) Hexachloroethane	9.093	117	278350	17.886	ng/u1	98
22) Nitrobenzene	9.263	77	889364	18.960	ng/u1	99
23) Isophorone	9.775	82	1748787	19.195	ng/u1	99
25) 2-Nitrophenol	9.969	139	404328	18.973	ng/u1	100
26) 2,4-Dimethylphenol	10.005	107	808766	18.882	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.263	93	1023297	18.206	ng/u1	99
29) 2,4-Dichlorophenol	10.487	162	706959	19.587	ng/u1	100
30) Naphthalene	10.904	128	2331282	18.610	ng/u1	100
32) 4-Chloroaniline	11.034	127	1029485	19.012	ng/u1	98
33) Hexachlorobutadiene	11.134	225	397379	17.874	ng/u1	100
34) Caprolactam	11.857	113	272977m	20.509	ng/u1	
35) 4-Chloro-3-methylphenol	12.128	107	865716	21.389	ng/u1	99
36) 2-Methylnaphthalene	12.504	142	1616902	18.699	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.722	142	1635699	18.759	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.851	216	826669	17.483	ng/ul	100
40) Hexachlorocyclopentadiene	12.798	237	566077	16.279	ng/ul	100
41) 2,4,6-Trichlorophenol	13.104	196	621547	19.684	ng/ul	99
42) 2,4,5-Trichlorophenol	13.169	196	670505	19.623	ng/ul	100
43) 1,1'-Biphenyl	13.510	154	2229148	18.072	ng/ul	99
44) 2-Chloronaphthalene	13.557	162	1756274	18.036	ng/ul	100
45) 2-Nitroaniline	13.787	65	599848	20.312	ng/ul	98
47) Dimethylphthalate	14.134	163	2383593	18.811	ng/ul	100
48) 2,6-Dinitrotoluene	14.281	165	488321	19.668	ng/ul	97
50) Acenaphthylene	14.404	152	3031599	18.727	ng/ul	100
51) 3-Nitroaniline	14.616	138	510853	19.759	ng/ul	99
52) Acenaphthene	14.740	153	1996095	18.638	ng/ul	100
53) 2,4-Dinitrophenol	14.816	184	285233	15.810	ng/ul	99
55) 4-Nitrophenol	14.898	109	338298	17.322	ng/ul	97
56) Dibenzofuran	15.075	168	2771849	18.863	ng/ul	98
57) 2,4-Dinitrotoluene	15.057	165	716959	19.618	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.292	232	559674	19.240	ng/ul	97
59) Diethylphthalate	15.492	149	2394865	18.605	ng/ul	99
61) Fluorene	15.728	166	2354294	19.154	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.716	204	1141155	18.910	ng/ul	98
63) 4-Nitroaniline	15.787	138	493461	20.058	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.810	198	384432	15.903	ng/ul	97
67) N-Nitrosodiphenylamine	15.939	169	1956296	18.786	ng/ul	99
68) 4-Bromophenyl-phenylether	16.622	248	665987	18.450	ng/ul	96
69) Hexachlorobenzene	16.704	284	729672	18.054	ng/ul	98
70) Atrazine	16.898	200	734911	18.719	ng/ul	99
71) Pentachlorophenol	17.069	266	521804	17.392	ng/ul	100
72) Phenanthrene	17.486	178	3728420	18.810	ng/ul	99
74) Anthracene	17.581	178	3815138	19.036	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.463	216	895661	17.766	ng/ul	99
76) Pentachlorobenzene	14.969	250	837280	18.585	ng/ul	98
77) Carbazole	17.863	167	3439318	19.054	ng/ul	99
78) Di-n-butylphthalate	18.369	149	4248094	18.864	ng/ul	100
80) Fluoranthene	19.451	202	4331459	20.526	ng/ul	99
82) Pyrene	19.810	202	4498409	20.637	ng/ul	98
83) Butylbenzylphthalate	20.663	149	1937620	20.611	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.463	252	1201203	17.570	ng/ul	99
85) Benzo(a)anthracene	21.527	228	4179084	18.968	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.398	149	2834668	20.651	ng/ul	99
87) Chrysene	21.586	228	3783719	18.906	ng/ul	100
89) Di-n-octyl phthalate	22.380	149	4674761	21.817	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	3389067	18.653	ng/ul	100
91) Benzo(k)fluoranthene	23.363	252	3490760	19.426	ng/ul	99
93) Benzo(a)pyrene	23.998	252	3106727	18.904	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.839	276	3296348	19.629	ng/ul	99
95) Dibenzo(a,h)anthracene	26.862	278	2716653	19.476	ng/ul	100
96) Benzo(g,h,i)perylene	27.692	276	2570529	20.190	ng/ul	100

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

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