

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071223\
 Data File : BP016198.D
 Acq On : 12 Jul 2023 15:44
 Operator : MA/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SICV603

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/13/2023
 Supervised By :mohammad ahmed 07/13/2023

Quant Time: Jul 13 11:05:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 13 11:03:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	152053	20.000	ng/u1	0.00
20) Naphthalene-d8	10.787	136	733404	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.622	164	490115	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.387	188	1114830	20.000	ng/u1	0.00
79) Chrysene-d12	21.486	240	1199383	20.000	ng/u1	0.01
88) Perylene-d12	23.992	264	1484559	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	36831	8.572	ng/uL	0.00
4) Pyridine-d5	3.734	84	208469	19.453	ng/u1	0.00
7) Phenol-d5	7.152	99	288410	20.999	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	192539	20.732	ng/u1	0.00
11) 2-Chlorophenol-d4	7.493	132	219185	22.108	ng/u1	0.00
15) 4-Methylphenol-d8	8.711	113	229305	20.726	ng/u1	0.00
21) Nitrobenzene-d5	9.158	128	112161	22.167	ng/u1	0.00
24) 2-Nitrophenol-d4	9.887	143	127178	22.054	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.452	165	223143	22.345	ng/u1	0.00
31) 4-Chloroaniline-d4	10.969	131	327799	20.479	ng/u1	0.00
46) Dimethylphthalate-d6	14.040	166	793455	21.223	ng/u1	0.00
49) Acenaphthylene-d8	14.316	160	881123	21.505	ng/u1	0.00
54) 4-Nitrophenol-d4	14.916	143	143732m	18.838	ng/u1	0.01
60) Fluorene-d10	15.622	176	648014	20.711	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	127978	19.886	ng/u1	0.00
73) Anthracene-d10	17.492	188	1055964	21.654	ng/u1	0.00
81) Pyrene-d10	19.728	212	1312075	21.082	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.822	264	1523645	21.372	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.323	88	38555	8.180	ng/uL	96
5) Pyridine	3.758	79	230004	20.954	ng/u1	97
6) Benzaldehyde	7.122	77	201722	23.522	ng/u1	97
8) Phenol	7.181	94	308721	20.969	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.387	93	253209	21.148	ng/u1	96
12) 2-Chlorophenol	7.528	128	228381	22.202	ng/u1	99
13) 2-Methylphenol	8.434	108	234989	21.206	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.487	45	408674	21.032	ng/u1	98
16) Acetophenone	8.816	105	405651	22.235	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.787	70	219213	22.412	ng/u1	99
18) 4-Methylphenol	8.787	108	252428	20.832	ng/u1	97
19) Hexachloroethane	9.028	117	98944	21.099	ng/u1	94
22) Nitrobenzene	9.205	77	323259	21.989	ng/u1	99
23) Isophorone	9.722	82	630774	21.646	ng/u1	99
25) 2-Nitrophenol	9.922	139	137594	22.207	ng/u1	97
26) 2,4-Dimethylphenol	9.981	107	297817	21.858	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.205	93	360925	21.271	ng/u1	99
29) 2,4-Dichlorophenol	10.481	162	222415	21.660	ng/u1	99
30) Naphthalene	10.834	128	809803	21.040	ng/u1	99
32) 4-Chloroaniline	10.993	127	330820	20.780	ng/u1	98
33) Hexachlorobutadiene	11.093	225	145541	20.869	ng/u1	97
34) Caprolactam	11.805	113	85458m	22.989	ng/u1	
35) 4-Chloro-3-methylphenol	12.128	107	284492	22.451	ng/u1	98
36) 2-Methylnaphthalene	12.457	142	548932	21.271	ng/u1	99

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37) 1-Methylnaphthalene	12.669	142	568209	21.410	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.828	216	293595	21.033	ng/ul	98
40) Hexachlorocyclopentadiene	12.769	237	75289	13.739	ng/ul	97
41) 2,4,6-Trichlorophenol	13.087	196	189350	21.470	ng/ul	97
42) 2,4,5-Trichlorophenol	13.187	196	195445	20.845	ng/ul	99
43) 1,1'-Biphenyl	13.457	154	753123	21.065	ng/ul	99
44) 2-Chloronaphthalene	13.510	162	589246	20.978	ng/ul	99
45) 2-Nitroaniline	13.757	65	197682	21.595	ng/ul	100
47) Dimethylphthalate	14.087	163	792117	20.977	ng/ul	99
48) 2,6-Dinitrotoluene	14.240	165	154198	21.661	ng/ul	100
50) Acenaphthylene	14.346	152	997852	21.205	ng/ul	99
51) 3-Nitroaniline	14.593	138	152619	21.112	ng/ul	96
52) Acenaphthene	14.687	153	658723	20.697	ng/ul	99
53) 2,4-Dinitrophenol	14.840	184	75936m	15.240	ng/ul	
55) 4-Nitrophenol	14.940	109	109231	18.812	ng/ul	96
56) Dibenzofuran	15.034	168	910958	21.013	ng/ul	100
57) 2,4-Dinitrotoluene	15.051	165	234167	22.299	ng/ul	86
58) 2,3,4,6-Tetrachlorophenol	15.275	232	184685	21.704	ng/ul	99
59) Diethylphthalate	15.440	149	823612	20.974	ng/ul	99
61) Fluorene	15.681	166	760892	21.010	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.663	204	365801	20.884	ng/ul	97
63) 4-Nitroaniline	15.769	138	137650	20.733	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.822	198	140512	20.889	ng/ul	98
67) N-Nitrosodiphenylamine	15.893	169	639156	21.630	ng/ul	99
68) 4-Bromophenyl-phenylether	16.563	248	228436	21.561	ng/ul	99
69) Hexachlorobenzene	16.687	284	272536	21.361	ng/ul	98
70) Atrazine	16.851	200	246537	21.040	ng/ul	99
71) Pentachlorophenol	17.063	266	130722	20.431	ng/ul	97
72) Phenanthrene	17.434	178	1245992	21.450	ng/ul	99
74) Anthracene	17.534	178	1271877	21.791	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.428	216	313106	21.394	ng/ul	99
76) Pentachlorobenzene	14.951	250	292686	21.186	ng/ul	98
77) Carbazole	17.828	167	1148749	21.586	ng/ul	99
78) Di-n-butylphthalate	18.328	149	1473013	22.096	ng/ul	99
80) Fluoranthene	19.404	202	1533401	21.070	ng/ul	99
82) Pyrene	19.763	202	1627697	20.948	ng/ul	98
83) Butylbenzylphthalate	20.604	149	726517	21.680	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.404	252	570084	20.343	ng/ul	98
85) Benzo(a)anthracene	21.469	228	1686233	21.590	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.345	149	1100635	21.986	ng/ul	99
87) Chrysene	21.528	228	1649632	20.850	ng/ul	99
89) Di-n-octyl phthalate	22.292	149	1988093	21.380	ng/ul	100
90) Benzo(b)fluoranthene	23.216	252	1797230	21.194	ng/ul	99
91) Benzo(k)fluoranthene	23.263	252	1830920	21.217	ng/ul	100
93) Benzo(a)pyrene	23.880	252	1765101	21.012	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.633	276	2219739	21.339	ng/ul	99
95) Dibenzo(a,h)anthracene	26.639	278	1801978	21.237	ng/ul	99
96) Benzo(g,h,i)perylene	27.462	276	1749871	21.075	ng/ul	99

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

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