

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042823\
 Data File : BP014878.D
 Acq On : 28 Apr 2023 16:42
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SICV603

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/01/2023
 Supervised By :Jagrut Upadhyay 05/01/2023

Quant Time: Apr 29 00:47:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 29 00:40:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.175	152	211276	20.000	ng/u1	0.00
20) Naphthalene-d8	11.010	136	839393	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.822	164	496016	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.575	188	1029703	20.000	ng/u1	0.00
79) Chrysene-d12	21.657	240	949531	20.000	ng/u1	0.00
88) Perylene-d12	24.268	264	1061785	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	50158	8.556	ng/uL	0.00
4) Pyridine-d5	3.905	84	293584	20.833	ng/u1	0.00
7) Phenol-d5	7.316	99	340960	20.619	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.493	67	224980	21.693	ng/u1	0.00
11) 2-Chlorophenol-d4	7.699	132	279739	22.343	ng/u1	0.00
15) 4-Methylphenol-d8	8.881	113	263141	20.884	ng/u1	0.00
21) Nitrobenzene-d5	9.352	128	133540	22.157	ng/u1	0.00
24) 2-Nitrophenol-d4	10.081	143	127991	23.134	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.622	165	266775	22.451	ng/u1	0.00
31) 4-Chloroaniline-d4	11.146	131	367210	21.375	ng/u1	0.00
46) Dimethylphthalate-d6	14.222	166	782978	22.026	ng/u1	0.00
49) Acenaphthylene-d8	14.516	160	937214	22.072	ng/u1	0.00
54) 4-Nitrophenol-d4	14.998	143	101630	19.214	ng/u1	0.00
60) Fluorene-d10	15.810	176	677009	21.849	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.922	200	85976	19.740	ng/u1	0.00
73) Anthracene-d10	17.675	188	1032816	21.963	ng/u1	0.00
81) Pyrene-d10	19.892	212	1159197	21.980	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.092	264	1150625	21.940	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.505	88	53364	8.549	ng/uL	98
5) Pyridine	3.928	79	312752	21.162	ng/u1	99
6) Benzaldehyde	7.305	77	86764	18.517	ng/u1	99
8) Phenol	7.340	94	363913	21.220	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.587	93	315730	21.485	ng/u1	99
12) 2-Chlorophenol	7.728	128	299461	22.290	ng/u1	98
13) 2-Methylphenol	8.616	108	281295	21.173	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.716	45	407250	21.934	ng/u1	99
16) Acetophenone	9.010	105	446947	21.838	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.987	70	220669	22.712	ng/u1	99
18) 4-Methylphenol	8.946	108	293879	20.961	ng/u1	100
19) Hexachloroethane	9.275	117	137567	21.735	ng/u1	97
22) Nitrobenzene	9.393	77	341403	22.330	ng/u1	98
23) Isophorone	9.922	82	629224	22.846	ng/u1	98
25) 2-Nitrophenol	10.116	139	148826	23.944	ng/u1	100
26) 2,4-Dimethylphenol	10.163	107	326789	22.037	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.410	93	418919	22.056	ng/u1	99
29) 2,4-Dichlorophenol	10.652	162	267087	22.507	ng/u1	98
30) Naphthalene	11.063	128	1002123	21.712	ng/u1	100
32) 4-Chloroaniline	11.169	127	382936	21.364	ng/u1	99
33) Hexachlorobutadiene	11.346	225	196661	21.574	ng/u1	98
34) Caprolactam	11.934	113	66080m	21.700	ng/u1	
35) 4-Chloro-3-methylphenol	12.275	107	281953	23.159	ng/u1	95
36) 2-Methylnaphthalene	12.663	142	636774	21.864	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.881	142	646662	22.115	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.022	216	354593	21.393	ng/ul	99
40) Hexachlorocyclopentadiene	13.004	237	218103	20.961	ng/ul	99
41) 2,4,6-Trichlorophenol	13.257	196	192206	22.822	ng/ul	99
42) 2,4,5-Trichlorophenol	13.328	196	220075	21.672	ng/ul	98
43) 1,1'-Biphenyl	13.657	154	856984	21.533	ng/ul	98
44) 2-Chloronaphthalene	13.704	162	678528	21.647	ng/ul	99
45) 2-Nitroaniline	13.898	65	157691	23.029	ng/ul	99
47) Dimethylphthalate	14.269	163	806911	21.958	ng/ul	99
48) 2,6-Dinitrotoluene	14.392	165	150252	22.697	ng/ul	99
50) Acenaphthylene	14.545	152	1040934	21.930	ng/ul	100
51) 3-Nitroaniline	14.722	138	100353	18.699	ng/ul	99
52) Acenaphthene	14.887	153	716061	21.886	ng/ul	99
53) 2,4-Dinitrophenol	14.922	184	35996	14.395	ng/ul	91
55) 4-Nitrophenol	15.010	109	77474	19.369	ng/ul	96
56) Dibenzofuran	15.216	168	995845	22.083	ng/ul	99
57) 2,4-Dinitrotoluene	15.175	165	216857	23.765	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.439	232	185546	23.941	ng/ul	98
59) Diethylphthalate	15.628	149	803378	22.418	ng/ul	100
61) Fluorene	15.869	166	798852	22.158	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.857	204	403371	22.138	ng/ul	100
63) 4-Nitroaniline	15.881	138	79931m	18.652	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.934	198	95648	21.199	ng/ul	99
67) N-Nitrosodiphenylamine	16.069	169	671177	22.093	ng/ul	99
68) 4-Bromophenyl-phenylether	16.757	248	243955	21.775	ng/ul	98
69) Hexachlorobenzene	16.875	284	287749	21.790	ng/ul	99
70) Atrazine	17.022	200	236457	21.499	ng/ul	97
71) Pentachlorophenol	17.216	266	125013m	21.389	ng/ul	
72) Phenanthrene	17.622	178	1234586	21.801	ng/ul	100
74) Anthracene	17.710	178	1240656	21.869	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.622	216	356995	21.049	ng/ul	99
76) Pentachlorobenzene	15.140	250	350722	21.542	ng/ul	99
77) Carbazole	17.975	167	1057151	21.847	ng/ul	99
78) Di-n-butylphthalate	18.510	149	1336326	22.261	ng/ul	100
80) Fluoranthene	19.569	202	1393363	21.836	ng/ul	99
82) Pyrene	19.922	202	1488112	21.943	ng/ul	99
83) Butylbenzylphthalate	20.780	149	553702	21.695	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.569	252	446034	21.643	ng/ul	98
85) Benzo(a)anthracene	21.639	228	1398347	21.956	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.545	149	844581	21.830	ng/ul	100
87) Chrysene	21.698	228	1385335	21.855	ng/ul	99
89) Di-n-octyl phthalate	22.533	149	1449536	21.050	ng/ul	100
90) Benzo(b)fluoranthene	23.463	252	1440709	21.806	ng/ul	99
91) Benzo(k)fluoranthene	23.516	252	1496359	21.830	ng/ul	100
93) Benzo(a)pyrene	24.151	252	1310707	21.813	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.033	276	1716481	21.511	ng/ul	99
95) Dibenzo(a,h)anthracene	27.057	278	1437700	21.785	ng/ul	99
96) Benzo(g,h,i)perylene	27.886	276	1424437	21.629	ng/ul	100

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

