

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050124\
 Data File : BP020138.D
 Acq On : 01 May 2024 19:14
 Operator : MA/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SICV636

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
 Supervised By :mohammad ahmed 05/03/2024

Quant Time: May 02 07:57:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 01 17:34:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	96549	20.000	ng/u1	0.00
20) Naphthalene-d8	10.404	136	405340	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.298	164	280875	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.145	188	599966	20.000	ng/u1	0.00
79) Chrysene-d12	21.639	240	480649	20.000	ng/u1	0.00
88) Perylene-d12	25.015	264	457774	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	16384	7.167	ng/uL	0.00
4) Pyridine-d5	3.622	84	124678	18.769	ng/u1	0.00
7) Phenol-d5	6.816	99	153614	18.527	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	106450	21.134	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	115709	19.521	ng/u1	0.00
15) 4-Methylphenol-d8	8.339	113	128812	19.216	ng/u1	0.00
21) Nitrobenzene-d5	8.792	128	62140	20.472	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	69247	19.922	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.039	165	127777	20.145	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	174400	19.645	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	415437	20.254	ng/u1	0.00
49) Acenaphthylene-d8	13.980	160	455763	20.115	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.551	143	60038	19.045	ng/u1	0.00
60) Fluorene-d10	15.321	176	343944	20.104	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.480	200	72861	19.138	ng/u1	0.00
73) Anthracene-d10	17.245	188	520022	20.036	ng/u1	0.00
81) Pyrene-d10	19.651	212	588148	20.933	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.780	264	439886	19.874	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	17171	6.619	ng/uL	97
5) Pyridine	3.640	79	107217	15.958	ng/u1	95
6) Benzaldehyde	6.798	77	95816	22.990	ng/u1	99
8) Phenol	6.845	94	155929	18.220	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.075	93	124094	18.531	ng/u1	98
12) 2-Chlorophenol	7.198	128	115782	18.709	ng/u1	98
13) 2-Methylphenol	8.075	108	115996	18.171	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.145	45	154167	18.455	ng/u1	97
16) Acetophenone	8.457	105	210445	18.915	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.439	70	119361	19.770	ng/u1	94
18) 4-Methylphenol	8.398	108	129343	18.642	ng/u1	96
19) Hexachloroethane	8.681	117	50985	18.015	ng/u1	92
22) Nitrobenzene	8.834	77	165263	18.966	ng/u1	98
23) Isophorone	9.351	82	309065	18.446	ng/u1	100
25) 2-Nitrophenol	9.534	139	70860	19.681	ng/u1	95
26) 2,4-Dimethylphenol	9.592	107	120231	15.306	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.834	93	170591	18.365	ng/u1	99
29) 2,4-Dichlorophenol	10.069	162	120514	19.533	ng/u1	100
30) Naphthalene	10.457	128	390531	18.692	ng/u1	99
32) 4-Chloroaniline	10.586	127	165129	19.022	ng/u1	99
33) Hexachlorobutadiene	10.716	225	87350	18.228	ng/u1	97
34) Caprolactam	11.404	113	42409m	19.686	ng/u1	
35) 4-Chloro-3-methylphenol	11.722	107	154244	20.079	ng/u1	98
36) 2-Methylnaphthalene	12.075	142	280710	19.310	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.304	142	258339	17.660	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.445	216	168650	19.253	ng/ul	99
40) Hexachlorocyclopentadiene	12.410	237	122534	25.720	ng/ul	95
41) 2,4,6-Trichlorophenol	12.710	196	106317	19.354	ng/ul	97
42) 2,4,5-Trichlorophenol	12.786	196	116532	19.714	ng/ul	97
43) 1,1'-Biphenyl	13.110	154	389446	19.604	ng/ul	98
44) 2-Chloronaphthalene	13.151	162	292129	18.532	ng/ul	99
45) 2-Nitroaniline	13.386	65	104448	19.975	ng/ul	97
47) Dimethylphthalate	13.763	163	395294	19.080	ng/ul	99
48) 2,6-Dinitrotoluene	13.898	165	86582	21.022	ng/ul	96
50) Acenaphthylene	14.016	152	485410	19.047	ng/ul	100
51) 3-Nitroaniline	14.239	138	85227	22.186	ng/ul	99
52) Acenaphthene	14.369	153	312226	18.231	ng/ul	98
53) 2,4-Dinitrophenol	14.463	184	46172	18.264	ng/ul	97
55) 4-Nitrophenol	14.569	109	59630	18.168	ng/ul	97
56) Dibenzofuran	14.710	168	455544	19.340	ng/ul	99
57) 2,4-Dinitrotoluene	14.710	165	117915	19.913	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.951	232	104752	19.734	ng/ul#	97
59) Diethylphthalate	15.169	149	390578	18.886	ng/ul	100
61) Fluorene	15.380	166	365254	18.663	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.380	204	192459	18.536	ng/ul	99
63) 4-Nitroaniline	15.439	138	75379	23.546	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.498	198	73137	18.423	ng/ul	98
67) N-Nitrosodiphenylamine	15.610	169	319965	19.154	ng/ul	97
68) 4-Bromophenyl-phenylether	16.304	248	121099	18.634	ng/ul#	91
69) Hexachlorobenzene	16.410	284	139321	18.510	ng/ul	96
70) Atrazine	16.610	200	111692	18.856	ng/ul	97
71) Pentachlorophenol	16.786	266	83282	18.305	ng/ul	96
72) Phenanthrene	17.192	178	570135	18.625	ng/ul	99
74) Anthracene	17.280	178	587596	18.873	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.069	216	167020	18.731	ng/uL	95
76) Pentachlorobenzene	14.622	250	161786	18.131	ng/uL	98
77) Carbazole	17.580	167	514426	19.180	ng/ul	99
78) Di-n-butylphthalate	18.180	149	622647	19.152	ng/ul	99
80) Fluoranthene	19.304	202	658403	19.912	ng/ul	99
82) Pyrene	19.680	202	689317	20.036	ng/ul	99
83) Butylbenzylphthalate	20.662	149	251860	19.285	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.568	252	202823	20.734	ng/ul	100
85) Benzo(a)anthracene	21.621	228	606136	18.593	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.568	149	329022	17.464	ng/ul	100
87) Chrysene	21.692	228	566906	18.762	ng/ul	99
89) Di-n-octyl phthalate	22.874	149	505922	17.257	ng/ul	100
90) Benzo(b)fluoranthene	23.950	252	512946	18.837	ng/ul	99
91) Benzo(k)fluoranthene	24.021	252	513439	18.502	ng/ul	99
93) Benzo(a)pyrene	24.856	252	477100	18.413	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.838	276	605408m	19.060	ng/ul	
95) Dibenzo(a,h)anthracene	28.915	278	495763m	18.870	ng/ul	
96) Benzo(g,h,i)perylene	30.027	276	475245m	18.551	ng/ul	

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

