

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050824\
 Data File : BP020243.D
 Acq On : 08 May 2024 18:24
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020786

Quant Time: May 08 18:53:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 06 12:26:12 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/09/2024
 Supervised By :mohammad ahmed 05/11/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	92126	20.000	ng/u1	0.02
20) Naphthalene-d8	10.387	136	409424	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.298	164	304126	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.139	188	657258	20.000	ng/u1	0.00
79) Chrysene-d12	21.639	240	480335	20.000	ng/u1	0.00
88) Perylene-d12	25.010	264	444746	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	15819	7.252	ng/uL	0.00
4) Pyridine-d5	3.617	84	112199	17.702	ng/u1	0.01
7) Phenol-d5	6.805	99	148086	18.717	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	6.969	67	93224	19.397	ng/u1	0.02
11) 2-Chlorophenol-d4	7.158	132	109505	19.361	ng/u1	0.02
15) 4-Methylphenol-d8	8.322	113	124458	19.457	ng/u1	0.01
21) Nitrobenzene-d5	8.781	128	59487	19.403	ng/u1	0.02
24) 2-Nitrophenol-d4	9.493	143	69547	19.809	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.022	165	127937	19.969	ng/u1	0.01
31) 4-Chloroaniline-d4	10.552	131	169621	18.916	ng/u1	0.02
46) Dimethylphthalate-d6	13.710	166	416148	18.738	ng/u1	0.00
49) Acenaphthylene-d8	13.981	160	463393	18.888	ng/u1	0.00
54) 4-Nitrophenol-d4	14.551	143	57185	16.753	ng/u1	0.00
60) Fluorene-d10	15.322	176	354997	19.164	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	77585	18.602	ng/u1	0.00
73) Anthracene-d10	17.245	188	553429	19.464	ng/u1	0.00
81) Pyrene-d10	19.645	212	613796	21.860	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.774	264	413651	19.236	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	17896	7.230	ng/uL	95
5) Pyridine	3.634	79	116477	18.169	ng/u1	95
6) Benzaldehyde	6.787	77	84582	21.269	ng/u1	95
8) Phenol	6.828	94	151360	18.536	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.064	93	123486	19.325	ng/u1	99
12) 2-Chlorophenol	7.187	128	115625	19.580	ng/u1	96
13) 2-Methylphenol	8.063	108	117751	19.332	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.134	45	155677	19.530	ng/u1	99
16) Acetophenone	8.446	105	209939	19.776	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.428	70	117893	20.464	ng/u1	95
18) 4-Methylphenol	8.387	108	129408	19.547	ng/u1	94
19) Hexachloroethane	8.663	117	53638	19.863	ng/u1	97
22) Nitrobenzene	8.822	77	166458	18.913	ng/u1	99
23) Isophorone	9.340	82	325897	19.257	ng/u1	99
25) 2-Nitrophenol	9.522	139	73041	20.084	ng/u1	93
26) 2,4-Dimethylphenol	9.581	107	152080	19.168	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.822	93	179556	19.138	ng/u1	99
29) 2,4-Dichlorophenol	10.052	162	125340	20.113	ng/u1	99
30) Naphthalene	10.440	128	402846	19.089	ng/u1	98
32) 4-Chloroaniline	10.581	127	166819	19.025	ng/u1	95
33) Hexachlorobutadiene	10.705	225	94927	19.611	ng/u1	97
34) Caprolactam	11.387	113	42628m	19.590	ng/u1	
35) 4-Chloro-3-methylphenol	11.710	107	157671	20.320	ng/u1	99
36) 2-Methylnaphthalene	12.069	142	291049	19.822	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.293	142	293444	19.860	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.440	216	178500	18.819	ng/ul	99
40) Hexachlorocyclopentadiene	12.399	237	76438	14.818	ng/ul	95
41) 2,4,6-Trichlorophenol	12.699	196	113574	19.094	ng/ul	98
42) 2,4,5-Trichlorophenol	12.787	196	122820	19.189	ng/ul	97
43) 1,1'-Biphenyl	13.104	154	401029	18.643	ng/ul	99
44) 2-Chloronaphthalene	13.146	162	319878	18.740	ng/ul	99
45) 2-Nitroaniline	13.381	65	106559	18.821	ng/ul	97
47) Dimethylphthalate	13.757	163	434918	19.387	ng/ul	100
48) 2,6-Dinitrotoluene	13.898	165	85791	19.237	ng/ul	93
50) Acenaphthylene	14.010	152	514091	18.630	ng/ul	99
51) 3-Nitroaniline	14.240	138	76319	18.348	ng/ul	98
52) Acenaphthene	14.363	153	348043	18.768	ng/ul	100
53) 2,4-Dinitrophenol	14.469	184	46266	16.902	ng/ul	96
55) 4-Nitrophenol	14.569	109	60076	16.905	ng/ul	92
56) Dibenzofuran	14.710	168	487792	19.126	ng/ul	98
57) 2,4-Dinitrotoluene	14.710	165	126980	19.804	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	14.951	232	113576	19.761	ng/ul	98
59) Diethylphthalate	15.157	149	441628	19.721	ng/ul	99
61) Fluorene	15.375	166	410035	19.349	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.381	204	222331	19.776	ng/ul	98
63) 4-Nitroaniline	15.445	138	70058	20.211	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.498	198	81640	18.772	ng/ul	94
67) N-Nitrosodiphenylamine	15.604	169	346721	18.946	ng/ul	99
68) 4-Bromophenyl-phenylether	16.304	248	141071	19.815	ng/ul	95
69) Hexachlorobenzene	16.410	284	162815	19.745	ng/ul	97
70) Atrazine	16.610	200	125747	19.378	ng/ul	95
71) Pentachlorophenol	16.781	266	91574	18.374	ng/ul	98
72) Phenanthrene	17.187	178	642008	19.145	ng/ul	98
74) Anthracene	17.275	178	657700	19.283	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.063	216	182117	18.644	ng/uL	97
76) Pentachlorobenzene	14.622	250	190245	19.462	ng/uL	95
77) Carbazole	17.575	167	555884	18.919	ng/ul	99
78) Di-n-butylphthalate	18.175	149	744032	20.891	ng/ul	99
80) Fluoranthene	19.292	202	739532	22.380	ng/ul	100
82) Pyrene	19.675	202	728359	21.185	ng/ul	100
83) Butylbenzylphthalate	20.657	149	297236	22.775	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.557	252	185532	18.979	ng/ul	98
85) Benzo(a)anthracene	21.616	228	628734	19.299	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.563	149	407060	21.620	ng/ul	97
87) Chrysene	21.686	228	589348	19.518	ng/ul	98
89) Di-n-octyl phthalate	22.869	149	582308	20.444	ng/ul	100
90) Benzo(b)fluoranthene	23.939	252	514935	19.464	ng/ul	99
91) Benzo(k)fluoranthene	24.010	252	519035	19.251	ng/ul	100
93) Benzo(a)pyrene	24.845	252	479576	19.051	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.833	276	596625m	19.334	ng/ul	
95) Dibenzo(a,h)anthracene	28.921	278	497886	19.506	ng/ul	98
96) Benzo(g,h,i)perylene	30.009	276	485597m	19.511	ng/ul	

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

