

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
 Data File : BP020320.D
 Acq On : 11 May 2024 13:35
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020793

Quant Time: May 12 23:37:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 08 22:57:55 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/13/2024
 Supervised By :mohammad ahmed 05/14/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	83991	20.000	ng/u1	0.00
20) Naphthalene-d8	10.387	136	351241	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.293	164	245779	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.128	188	561995	20.000	ng/u1	-0.01
79) Chrysene-d12	21.627	240	572453	20.000	ng/u1	-0.01
88) Perylene-d12	24.998	264	650359	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	14632	7.357	ng/uL	0.00
4) Pyridine-d5	3.617	84	99635	17.242	ng/u1	0.00
7) Phenol-d5	6.805	99	130726	18.124	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	75210	17.165	ng/u1	0.00
11) 2-Chlorophenol-d4	7.158	132	99120	19.223	ng/u1	0.00
15) 4-Methylphenol-d8	8.328	113	105522	18.095	ng/u1	0.00
21) Nitrobenzene-d5	8.781	128	50565	19.225	ng/u1	0.00
24) 2-Nitrophenol-d4	9.493	143	60755	20.171	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.028	165	108604	19.759	ng/u1	0.00
31) 4-Chloroaniline-d4	10.552	131	141869	18.442	ng/u1	0.00
46) Dimethylphthalate-d6	13.710	166	343197	19.121	ng/u1	0.00
49) Acenaphthylene-d8	13.975	160	381885	19.261	ng/u1	0.00
54) 4-Nitrophenol-d4	14.563	143	41860	15.175	ng/u1	0.01
60) Fluorene-d10	15.322	176	296065	19.777	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	57716	16.184	ng/u1	0.00
73) Anthracene-d10	17.239	188	482420	19.843	ng/u1	0.00
81) Pyrene-d10	19.639	212	583593	17.440	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.774	264	601807	19.138	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	16514	7.318	ng/uL	97
5) Pyridine	3.634	79	102839	17.595	ng/u1	97
6) Benzaldehyde	6.793	77	73472	20.265	ng/u1	96
8) Phenol	6.834	94	134947	18.126	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.064	93	102699	17.629	ng/u1	99
12) 2-Chlorophenol	7.187	128	105157	19.532	ng/u1	95
13) 2-Methylphenol	8.063	108	101212	18.226	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.134	45	124614	17.148	ng/u1	98
16) Acetophenone	8.446	105	171458	17.715	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.422	70	91094	17.344	ng/u1	96
18) 4-Methylphenol	8.393	108	108784	18.023	ng/u1	96
19) Hexachloroethane	8.658	117	46958	19.073	ng/u1	98
22) Nitrobenzene	8.822	77	138668	18.365	ng/u1	99
23) Isophorone	9.340	82	254135	17.504	ng/u1	98
25) 2-Nitrophenol	9.522	139	61230	19.626	ng/u1	93
26) 2,4-Dimethylphenol	9.581	107	126536	18.590	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.822	93	142122	17.657	ng/u1	99
29) 2,4-Dichlorophenol	10.057	162	107263	20.063	ng/u1	99
30) Naphthalene	10.440	128	349961	19.330	ng/u1	99
32) 4-Chloroaniline	10.575	127	138916	18.467	ng/u1	99
33) Hexachlorobutadiene	10.699	225	83967	20.221	ng/u1	96
34) Caprolactam	11.387	113	34930m	18.712	ng/u1	
35) 4-Chloro-3-methylphenol	11.716	107	126720	19.037	ng/u1	98
36) 2-Methylnaphthalene	12.069	142	242815	19.276	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.287	142	242453	19.127	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.440	216	151861	19.812	ng/ul	98
40) Hexachlorocyclopentadiene	12.393	237	48134	11.546	ng/ul	98
41) 2,4,6-Trichlorophenol	12.699	196	96232	20.019	ng/ul	99
42) 2,4,5-Trichlorophenol	12.781	196	103026	19.918	ng/ul	98
43) 1,1'-Biphenyl	13.099	154	327031	18.813	ng/ul	99
44) 2-Chloronaphthalene	13.140	162	263673	19.115	ng/ul	100
45) 2-Nitroaniline	13.381	65	87644	19.155	ng/ul	94
47) Dimethylphthalate	13.757	163	349105	19.256	ng/ul	99
48) 2,6-Dinitrotoluene	13.887	165	69599	19.311	ng/ul	92
50) Acenaphthylene	14.010	152	432330	19.387	ng/ul	99
51) 3-Nitroaniline	14.234	138	62865	18.702	ng/ul	95
52) Acenaphthene	14.357	153	292142	19.494	ng/ul	98
53) 2,4-Dinitrophenol	14.475	184	30375	13.731	ng/ul	96
55) 4-Nitrophenol	14.575	109	59943	20.872	ng/ul	99
56) Dibenzofuran	14.710	168	412529	20.015	ng/ul	96
57) 2,4-Dinitrotoluene	14.710	165	111132	21.447	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.951	232	95940	20.655	ng/ul	96
59) Diethylphthalate	15.157	149	348688	19.268	ng/ul	99
61) Fluorene	15.375	166	341037	19.914	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.375	204	184844	20.345	ng/ul	96
63) 4-Nitroaniline	15.440	138	60512	21.601	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.493	198	61728	16.599	ng/ul#	97
67) N-Nitrosodiphenylamine	15.604	169	284878	18.206	ng/ul	99
68) 4-Bromophenyl-phenylether	16.298	248	117145	19.244	ng/ul	95
69) Hexachlorobenzene	16.404	284	138704	19.673	ng/ul	95
70) Atrazine	16.610	200	100461	18.106	ng/ul	99
71) Pentachlorophenol	16.775	266	78575	18.438	ng/ul	98
72) Phenanthrene	17.181	178	554797	19.349	ng/ul	99
74) Anthracene	17.281	178	568893	19.507	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.057	216	153207	18.343	ng/uL	97
76) Pentachlorobenzene	14.616	250	160802	19.238	ng/uL	98
77) Carbazole	17.575	167	489102	19.468	ng/ul	99
78) Di-n-butylphthalate	18.169	149	582967	19.143	ng/ul	99
80) Fluoranthene	19.292	202	670279	17.020	ng/ul	99
82) Pyrene	19.675	202	713770	17.420	ng/ul	98
83) Butylbenzylphthalate	20.645	149	280259	18.018	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.545	252	221773	19.035	ng/ul	97
85) Benzo(a)anthracene	21.610	228	752703	19.386	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.557	149	395227	17.613	ng/ul	96
87) Chrysene	21.675	228	688706	19.138	ng/ul	98
89) Di-n-octyl phthalate	22.857	149	698012	16.759	ng/ul	100
90) Benzo(b)fluoranthene	23.939	252	735251m	19.005	ng/ul	
91) Benzo(k)fluoranthene	24.004	252	744955	18.895	ng/ul	100
93) Benzo(a)pyrene	24.845	252	692390	18.809	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.815	276	857936m	19.012	ng/ul	
95) Dibenzo(a,h)anthracene	28.892	278	723122m	19.374	ng/ul	
96) Benzo(g,h,i)perylene	30.009	276	690935m	18.984	ng/ul	

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

