

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050824\
 Data File : BP020281.D
 Acq On : 10 May 2024 01:36
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020789

Quant Time: May 10 02:26:01 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 05/10/2024
 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	66573	20.000	ng/u1	0.00
20) Naphthalene-d8	10.387	136	274962	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.286	164	196619	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.133	188	475902	20.000	ng/u1	0.00
79) Chrysene-d12	21.639	240	548529	20.000	ng/u1	0.00
88) Perylene-d12	24.998	264	648088	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	11475	7.280	ng/uL	0.00
4) Pyridine-d5	3.616	84	80954	17.675	ng/u1	0.00
7) Phenol-d5	6.804	99	99445	17.394	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	57948	16.685	ng/u1	0.00
11) 2-Chlorophenol-d4	7.151	132	78620	19.236	ng/u1	0.00
15) 4-Methylphenol-d8	8.328	113	82402	17.827	ng/u1	0.00
21) Nitrobenzene-d5	8.775	128	39750	19.306	ng/u1	0.00
24) 2-Nitrophenol-d4	9.487	143	45512	19.302	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.028	165	85837	19.949	ng/u1	0.00
31) 4-Chloroaniline-d4	10.551	131	114678	19.043	ng/u1	0.00
46) Dimethylphthalate-d6	13.704	166	272300	18.965	ng/u1	0.00
49) Acenaphthylene-d8	13.975	160	306561	19.328	ng/u1	0.00
54) 4-Nitrophenol-d4	14.563	143	36622	16.595	ng/u1	0.01
60) Fluorene-d10	15.310	176	240542	20.085	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.475	200	39536	13.092	ng/u1	0.00
73) Anthracene-d10	17.239	188	404098	19.628	ng/u1	0.00
81) Pyrene-d10	19.639	212	544227	16.973	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.768	264	596890	19.048	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	12099	6.764	ng/uL	90
5) Pyridine	3.634	79	82568	17.823	ng/u1	98
6) Benzaldehyde	6.787	77	56347	19.608	ng/u1	100
8) Phenol	6.828	94	103459	17.533	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.063	93	81320	17.611	ng/u1	98
12) 2-Chlorophenol	7.181	128	83126	19.480	ng/u1	95
13) 2-Methylphenol	8.063	108	78696	17.879	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.134	45	93719	16.270	ng/u1	95
16) Acetophenone	8.446	105	136394	17.779	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.422	70	70244	16.873	ng/u1	94
18) 4-Methylphenol	8.393	108	85521	17.876	ng/u1	94
19) Hexachloroethane	8.663	117	35833	18.363	ng/u1	90
22) Nitrobenzene	8.816	77	107322	18.157	ng/u1	98
23) Isophorone	9.334	82	200405	17.632	ng/u1	98
25) 2-Nitrophenol	9.516	139	48442	19.834	ng/u1	93
26) 2,4-Dimethylphenol	9.575	107	99099	18.598	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.816	93	107670	17.088	ng/u1	98
29) 2,4-Dichlorophenol	10.051	162	85175	20.351	ng/u1	98
30) Naphthalene	10.434	128	274119	19.341	ng/u1	99
32) 4-Chloroaniline	10.575	127	111647	18.959	ng/u1	97
33) Hexachlorobutadiene	10.698	225	64719	19.909	ng/u1	93
34) Caprolactam	11.387	113	30062m	20.571	ng/u1	
35) 4-Chloro-3-methylphenol	11.716	107	98727	18.946	ng/u1	96
36) 2-Methylnaphthalene	12.063	142	188200	19.085	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.292	142	191166	19.265	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.439	216	117737	19.200	ng/ul	99
40) Hexachlorocyclopentadiene	12.392	237	32652	9.791	ng/ul	97
41) 2,4,6-Trichlorophenol	12.698	196	75026	19.510	ng/ul	95
42) 2,4,5-Trichlorophenol	12.781	196	82813	20.013	ng/ul	98
43) 1,1'-Biphenyl	13.104	154	257037	18.483	ng/ul	98
44) 2-Chloronaphthalene	13.145	162	212033	19.214	ng/ul	98
45) 2-Nitroaniline	13.386	65	67824	18.529	ng/ul	97
47) Dimethylphthalate	13.757	163	269973	18.615	ng/ul	100
48) 2,6-Dinitrotoluene	13.886	165	57368	19.897	ng/ul	98
50) Acenaphthylene	14.004	152	342451	19.196	ng/ul	99
51) 3-Nitroaniline	14.233	138	54424	20.239	ng/ul	97
52) Acenaphthene	14.357	153	229895	19.176	ng/ul	98
53) 2,4-Dinitrophenol	14.475	184	18606	10.514	ng/ul#	89
55) 4-Nitrophenol	14.581	109	49565	21.573	ng/ul	88
56) Dibenzofuran	14.704	168	330247	20.029	ng/ul	96
57) 2,4-Dinitrotoluene	14.704	165	90035	21.720	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.939	232	79436	21.378	ng/ul	96
59) Diethylphthalate	15.157	149	277370	19.159	ng/ul	99
61) Fluorene	15.375	166	280948	20.507	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.375	204	147266	20.261	ng/ul	94
63) 4-Nitroaniline	15.439	138	52480	23.418	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.486	198	42111	13.373	ng/ul#	96
67) N-Nitrosodiphenylamine	15.598	169	235516	17.774	ng/ul	99
68) 4-Bromophenyl-phenylether	16.298	248	95347	18.496	ng/ul	99
69) Hexachlorobenzene	16.404	284	115076	19.274	ng/ul	95
70) Atrazine	16.604	200	85745	18.249	ng/ul	97
71) Pentachlorophenol	16.775	266	67069	18.585	ng/ul	98
72) Phenanthrene	17.180	178	467515	19.254	ng/ul	99
74) Anthracene	17.269	178	472699	19.140	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.057	216	118933	16.815	ng/uL	96
76) Pentachlorobenzene	14.610	250	126459	17.866	ng/uL	98
77) Carbazole	17.574	167	449601	21.133	ng/ul	99
78) Di-n-butylphthalate	18.163	149	502014	19.467	ng/ul	99
80) Fluoranthene	19.292	202	621470	16.469	ng/ul	98
82) Pyrene	19.674	202	658734	16.778	ng/ul	98
83) Butylbenzylphthalate	20.651	149	263217	17.661	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.557	252	222834	19.961	ng/ul	94
85) Benzo(a)anthracene	21.615	228	723105	19.436	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.562	149	383042	17.815	ng/ul	98
87) Chrysene	21.692	228	667270	19.351	ng/ul	97
89) Di-n-octyl phthalate	22.857	149	685360	16.513	ng/ul	100
90) Benzo(b)fluoranthene	23.933	252	751997	19.506	ng/ul	99
91) Benzo(k)fluoranthene	24.009	252	727402	18.514	ng/ul	99
93) Benzo(a)pyrene	24.839	252	684379	18.657	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.821	276	866759m	19.275	ng/ul	
95) Dibenzo(a,h)anthracene	28.897	278	713307	19.178	ng/ul	98
96) Benzo(g,h,i)perylene	29.991	276	690045m	19.026	ng/ul	

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

