

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
 Data File : BP020346.D
 Acq On : 12 May 2024 09:54
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020795

Quant Time: May 13 01:51:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 13 00:21:03 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	7.610	152	90395	20.000	ng/u1	0.00
20) Naphthalene-d8	10.381	136	369560	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.275	164	251779	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.110	188	554047	20.000	ng/u1	-0.02
79) Chrysene-d12	21.610	240	584050	20.000	ng/u1	0.00
88) Perylene-d12	24.980	264	655918	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	14780	6.905	ng/uL	0.00
4) Pyridine-d5	3.616	84	99629	16.020	ng/u1	0.00
7) Phenol-d5	6.805	99	135900	17.506	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	80225	17.012	ng/u1	0.00
11) 2-Chlorophenol-d4	7.152	132	106568	19.203	ng/u1	0.00
15) 4-Methylphenol-d8	8.322	113	111156	17.711	ng/u1	0.00
21) Nitrobenzene-d5	8.769	128	53125	19.197	ng/u1	0.00
24) 2-Nitrophenol-d4	9.487	143	63348	19.989	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.016	165	116738	20.186	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.546	131	146237	18.068	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	347522	18.901	ng/u1	-0.01
49) Acenaphthylene-d8	13.963	160	390555	19.229	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.545	143	40589	14.363	ng/u1	-0.02
60) Fluorene-d10	15.298	176	297636	19.408	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.457	200	60328	17.159	ng/u1	-0.02
73) Anthracene-d10	17.216	188	477110	19.906	ng/u1	-0.02
81) Pyrene-d10	19.610	212	586598	17.182	ng/u1	-0.02
92) Benzo(a)pyrene-d12	24.745	264	609731	19.226	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	15291	6.296	ng/uL	95
5) Pyridine	3.640	79	102834	16.348	ng/u1	95
6) Benzaldehyde	6.787	77	77533	19.870	ng/u1	98
8) Phenol	6.834	94	140190	17.496	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.057	93	109553	17.473	ng/u1	99
12) 2-Chlorophenol	7.181	128	112434	19.405	ng/u1	94
13) 2-Methylphenol	8.057	108	106307	17.787	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.128	45	135316	17.301	ng/u1	96
16) Acetophenone	8.440	105	182180	17.489	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.416	70	96343	17.044	ng/u1	95
18) 4-Methylphenol	8.387	108	113476	17.468	ng/u1	95
19) Hexachloroethane	8.657	117	49797	18.794	ng/u1	91
22) Nitrobenzene	8.816	77	144709	18.215	ng/u1	96
23) Isophorone	9.334	82	266042	17.416	ng/u1	98
25) 2-Nitrophenol	9.516	139	65438	19.935	ng/u1	96
26) 2,4-Dimethylphenol	9.575	107	132846	18.550	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.816	93	151174	17.851	ng/u1	99
29) 2,4-Dichlorophenol	10.046	162	111564	19.833	ng/u1	96
30) Naphthalene	10.434	128	362410	19.026	ng/u1	99
32) 4-Chloroaniline	10.569	127	145944	18.439	ng/u1	99
33) Hexachlorobutadiene	10.693	225	87545	20.037	ng/u1	97
34) Caprolactam	11.381	113	35907m	18.282	ng/u1	
35) 4-Chloro-3-methylphenol	11.704	107	133671	19.086	ng/u1	97
36) 2-Methylnaphthalene	12.057	142	255124	19.249	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.281	142	252060	18.899	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.428	216	159994	20.375	ng/ul	98
40) Hexachlorocyclopentadiene	12.387	237	48838	11.436	ng/ul	98
41) 2,4,6-Trichlorophenol	12.692	196	98440	19.991	ng/ul	99
42) 2,4,5-Trichlorophenol	12.775	196	105243	19.862	ng/ul	98
43) 1,1'-Biphenyl	13.092	154	339212	19.048	ng/ul	99
44) 2-Chloronaphthalene	13.134	162	271744	19.230	ng/ul	98
45) 2-Nitroaniline	13.375	65	85354	18.210	ng/ul	96
47) Dimethylphthalate	13.745	163	353183	19.017	ng/ul	100
48) 2,6-Dinitrotoluene	13.881	165	72871	19.737	ng/ul	97
50) Acenaphthylene	13.998	152	441862	19.342	ng/ul	98
51) 3-Nitroaniline	14.228	138	65340	18.975	ng/ul	98
52) Acenaphthene	14.345	153	290185	18.902	ng/ul	100
53) 2,4-Dinitrophenol	14.457	184	31643	13.963	ng/ul	93
55) 4-Nitrophenol	14.563	109	59105	20.089	ng/ul	93
56) Dibenzofuran	14.686	168	404634	19.164	ng/ul	99
57) 2,4-Dinitrotoluene	14.692	165	108267	20.396	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.928	232	97243	20.437	ng/ul#	98
59) Diethylphthalate	15.139	149	349692	18.863	ng/ul	99
61) Fluorene	15.351	166	344465	19.634	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.357	204	184685	19.843	ng/ul	93
63) 4-Nitroaniline	15.422	138	65791m	22.926	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.475	198	64482	17.589	ng/ul	93
67) N-Nitrosodiphenylamine	15.581	169	293133	19.002	ng/ul	97
68) 4-Bromophenyl-phenylether	16.275	248	118077	19.675	ng/ul	94
69) Hexachlorobenzene	16.375	284	140855	20.264	ng/ul	97
70) Atrazine	16.581	200	100864	18.439	ng/ul	97
71) Pentachlorophenol	16.757	266	77166	18.367	ng/ul	94
72) Phenanthrene	17.151	178	553800	19.591	ng/ul	99
74) Anthracene	17.251	178	570932	19.857	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.045	216	157924	19.179	ng/uL	98
76) Pentachlorobenzene	14.598	250	159531	19.360	ng/uL	99
77) Carbazole	17.551	167	494628	19.970	ng/ul	99
78) Di-n-butylphthalate	18.139	149	596683	19.875	ng/ul	99
80) Fluoranthene	19.263	202	685509	17.062	ng/ul	97
82) Pyrene	19.645	202	707541	16.925	ng/ul	99
83) Butylbenzylphthalate	20.621	149	289127	18.219	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.527	252	228203	19.198	ng/ul	95
85) Benzo(a)anthracene	21.586	228	747773	18.877	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.539	149	419504	18.324	ng/ul	98
87) Chrysene	21.657	228	686313	18.693	ng/ul	100
89) Di-n-octyl phthalate	22.833	149	731286	17.409	ng/ul	100
90) Benzo(b)fluoranthene	23.910	252	737416	18.899	ng/ul	98
91) Benzo(k)fluoranthene	23.980	252	730462	18.370	ng/ul	100
93) Benzo(a)pyrene	24.821	252	690744	18.606	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.786	276	863196m	18.967	ng/ul	
95) Dibenzo(a,h)anthracene	28.874	278	701610	18.638	ng/ul	99
96) Benzo(g,h,i)perylene	29.956	276	685713	18.681	ng/ul	97

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

