

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102424\
 Data File : BP022590.D
 Acq On : 24 Oct 2024 17:14
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020675

Quant Time: Oct 25 06:02:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 22 05:59:59 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/25/2024
 Supervised By :mohammad ahmed 10/26/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	107316	20.000	ng/u1	0.00
20) Naphthalene-d8	10.404	136	410917	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.269	164	321717	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.075	188	809139	20.000	ng/u1	0.00
79) Chrysene-d12	21.516	240	853622	20.000	ng/u1	0.02
88) Perylene-d12	24.786	264	971884	20.000	ng/u1	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	19674	7.124	ng/uL	-0.01
4) Pyridine-d5	3.599	84	142416	18.785	ng/u1	-0.01
7) Phenol-d5	6.846	99	178162	19.722	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	105278	19.829	ng/u1	0.00
11) 2-Chlorophenol-d4	7.199	132	133649	20.850	ng/u1	0.00
15) 4-Methylphenol-d8	8.357	113	143849	19.953	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	67220	21.275	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	80409	21.982	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	163995	21.094	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.551	131	183808	20.008	ng/u1	0.00
46) Dimethylphthalate-d6	13.681	166	526929	20.614	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	567958	20.920	ng/u1	0.00
54) 4-Nitrophenol-d4	14.498	143	86734	20.226	ng/u1	0.00
60) Fluorene-d10	15.275	176	456674	20.598	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.428	200	106219	19.960	ng/u1	0.01
73) Anthracene-d10	17.181	188	769329	20.212	ng/u1	0.01
81) Pyrene-d10	19.551	212	973326	21.562	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.557	264	1069256	20.601	ng/u1	0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.222	88	21175	7.131	ng/uL	90
5) Pyridine	3.622	79	147975	19.036	ng/u1	99
6) Benzaldehyde	6.811	77	107801	22.083	ng/u1	99
8) Phenol	6.875	94	187587	19.959	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.087	93	143487	20.399	ng/u1	98
12) 2-Chlorophenol	7.228	128	136466	20.588	ng/u1	98
13) 2-Methylphenol	8.093	108	136610	20.029	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.163	45	163609	20.014	ng/u1	98
16) Acetophenone	8.463	105	237166	19.927	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.446	70	123279	20.444	ng/u1	96
18) 4-Methylphenol	8.422	108	151935	20.079	ng/u1	93
19) Hexachloroethane	8.710	117	63865	20.689	ng/u1	98
22) Nitrobenzene	8.834	77	186660	19.792	ng/u1	99
23) Isophorone	9.357	82	344061	20.347	ng/u1	99
25) 2-Nitrophenol	9.540	139	83148	21.092	ng/u1	97
26) 2,4-Dimethylphenol	9.599	107	178204	20.797	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.828	93	195137	20.324	ng/u1	98
29) 2,4-Dichlorophenol	10.069	162	163195	21.316	ng/u1	99
30) Naphthalene	10.457	128	445702	20.364	ng/u1	99
32) 4-Chloroaniline	10.575	127	183210	20.204	ng/u1	97
33) Hexachlorobutadiene	10.734	225	129545	20.076	ng/u1	99
34) Caprolactam	11.351	113	49558	20.078	ng/u1	86
35) 4-Chloro-3-methylphenol	11.710	107	177614	21.263	ng/u1	99
36) 2-Methylnaphthalene	12.069	142	334013	20.790	ng/u1	96

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37) 1-Methylnaphthalene	12.293	142	336311	20.509	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.440	216	241280	20.283	ng/ul	95
40) Hexachlorocyclopentadiene	12.416	237	112345	15.501	ng/ul	98
41) 2,4,6-Trichlorophenol	12.693	196	155427	20.772	ng/ul	97
42) 2,4,5-Trichlorophenol	12.769	196	173353	21.758	ng/ul	98
43) 1,1'-Biphenyl	13.087	154	472178	20.362	ng/ul	100
44) 2-Chloronaphthalene	13.128	162	389157	20.500	ng/ul	97
45) 2-Nitroaniline	13.345	65	117250	20.685	ng/ul	96
47) Dimethylphthalate	13.728	163	524108	20.577	ng/ul	99
48) 2,6-Dinitrotoluene	13.845	165	108543	22.530	ng/ul	96
50) Acenaphthylene	13.992	152	580559	20.604	ng/ul	100
51) 3-Nitroaniline	14.175	138	91362	20.191	ng/ul	99
52) Acenaphthene	14.334	153	413907	20.774	ng/ul	99
53) 2,4-Dinitrophenol	14.410	184	69386	19.575	ng/ul	95
55) 4-Nitrophenol	14.510	109	94896	19.939	ng/ul	98
56) Dibenzofuran	14.675	168	619474	20.698	ng/ul	99
57) 2,4-Dinitrotoluene	14.663	165	162238	21.671	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.904	232	163062	21.927	ng/ul	99
59) Diethylphthalate	15.116	149	516334	21.130	ng/ul	98
61) Fluorene	15.339	166	507993	20.831	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.334	204	286973	20.579	ng/ul	99
63) 4-Nitroaniline	15.369	138	100212	22.009	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.445	198	114937	20.052	ng/ul	99
67) N-Nitrosodiphenylamine	15.545	169	433295	19.997	ng/ul	99
68) 4-Bromophenyl-phenylether	16.245	248	202007	20.703	ng/ul	97
69) Hexachlorobenzene	16.363	284	243742	20.294	ng/ul	99
70) Atrazine	16.534	200	191887	21.305	ng/ul	94
71) Pentachlorophenol	16.728	266	153521	19.879	ng/ul	96
72) Phenanthrene	17.122	178	869928	20.095	ng/ul	99
74) Anthracene	17.216	178	872411	20.194	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.057	216	250527	20.335	ng/uL	98
76) Pentachlorobenzene	14.592	250	274950	20.188	ng/uL	98
77) Carbazole	17.504	167	770179	20.148	ng/ul	99
78) Di-n-butylphthalate	18.080	149	888475	21.006	ng/ul	100
80) Fluoranthene	19.204	202	1141310	21.993	ng/ul	99
82) Pyrene	19.580	202	1195911	21.501	ng/ul	99
83) Butylbenzylphthalate	20.533	149	428457	22.125	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.416	252	431763	21.219	ng/ul	97
85) Benzo(a)anthracene	21.492	228	1223825	20.451	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.427	149	608507	21.891	ng/ul	99
87) Chrysene	21.563	228	1114311	20.082	ng/ul	99
89) Di-n-octyl phthalate	22.668	149	1016877	21.997	ng/ul	100
90) Benzo(b)fluoranthene	23.751	252	1294663	21.163	ng/ul	98
91) Benzo(k)fluoranthene	23.815	252	1236696	20.648	ng/ul	99
93) Benzo(a)pyrene	24.627	252	1126335	20.005	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.492	276	1501168m	19.980	ng/ul	
95) Dibenzo(a,h)anthracene	28.556	278	1191458	19.583	ng/ul	98
96) Benzo(g,h,i)perylene	29.627	276	1125130	19.252	ng/ul	98

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

