

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100924\
 Data File : BP022315.D
 Acq On : 10 Oct 2024 09:24
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020795

Quant Time: Oct 11 01:19:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 08 02:14:47 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/11/2024
 Supervised By :mohammad ahmed 10/11/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	113207	20.000	ng/u1	0.00
20) Naphthalene-d8	10.463	136	446842	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.316	164	354521	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.122	188	872625	20.000	ng/u1	0.01
79) Chrysene-d12	21.545	240	905580	20.000	ng/u1	0.00
88) Perylene-d12	24.827	264	1035046	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	20657	7.091	ng/uL	0.00
4) Pyridine-d5	3.640	84	145696	18.218	ng/u1	0.00
7) Phenol-d5	6.893	99	190620	20.003	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	109329	19.520	ng/u1	0.00
11) 2-Chlorophenol-d4	7.246	132	141329	20.901	ng/u1	0.00
15) 4-Methylphenol-d8	8.405	113	155314	20.423	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	72158	21.002	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	86173	21.664	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	182624	21.602	ng/u1	0.00
31) 4-Chloroaniline-d4	10.593	131	197861	19.807	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	552116	19.601	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	618244	20.665	ng/u1	0.00
54) 4-Nitrophenol-d4	14.534	143	94534	20.005	ng/u1	0.00
60) Fluorene-d10	15.328	176	496974	20.341	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.451	200	104548	18.217	ng/u1	0.00
73) Anthracene-d10	17.216	188	837920	20.412	ng/u1	0.00
81) Pyrene-d10	19.598	212	1029612	21.500	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.598	264	1066095	19.286	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.258	88	21976	7.016	ng/uL	98
5) Pyridine	3.658	79	149946	18.286	ng/u1	98
6) Benzaldehyde	6.858	77	119883	23.280	ng/u1	96
8) Phenol	6.916	94	193002	19.467	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.134	93	147605	19.893	ng/u1	98
12) 2-Chlorophenol	7.275	128	141238	20.199	ng/u1	96
13) 2-Methylphenol	8.140	108	147638	20.519	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.222	45	164077	19.027	ng/u1	99
16) Acetophenone	8.510	105	245602	19.562	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.493	70	126609	19.904	ng/u1	96
18) 4-Methylphenol	8.463	108	160353	20.089	ng/u1	97
19) Hexachloroethane	8.758	117	64354	19.762	ng/u1	97
22) Nitrobenzene	8.881	77	198786	19.383	ng/u1	100
23) Isophorone	9.405	82	363885	19.789	ng/u1	99
25) 2-Nitrophenol	9.587	139	88721	20.696	ng/u1	96
26) 2,4-Dimethylphenol	9.652	107	187879	20.163	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.875	93	203108	19.454	ng/u1	100
29) 2,4-Dichlorophenol	10.122	162	171285	20.574	ng/u1	99
30) Naphthalene	10.516	128	481968	20.251	ng/u1	99
32) 4-Chloroaniline	10.616	127	194327	19.707	ng/u1	100
33) Hexachlorobutadiene	10.799	225	137517	19.598	ng/u1	98
34) Caprolactam	11.404	113	50954m	18.984	ng/u1	
35) 4-Chloro-3-methylphenol	11.751	107	189327	20.843	ng/u1	98
36) 2-Methylnaphthalene	12.116	142	355260	20.335	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.346	142	367375	20.602	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.493	216	262521	20.026	ng/ul	94
40) Hexachlorocyclopentadiene	12.469	237	103681	12.982	ng/ul	98
41) 2,4,6-Trichlorophenol	12.740	196	169519	20.559	ng/ul	96
42) 2,4,5-Trichlorophenol	12.816	196	184155	20.975	ng/ul	97
43) 1,1'-Biphenyl	13.134	154	511795	20.028	ng/ul	97
44) 2-Chloronaphthalene	13.181	162	426872	20.406	ng/ul	99
45) 2-Nitroaniline	13.393	65	126466	20.247	ng/ul	92
47) Dimethylphthalate	13.769	163	542435	19.326	ng/ul	99
48) 2,6-Dinitrotoluene	13.893	165	116359	21.918	ng/ul	96
50) Acenaphthylene	14.034	152	661513	21.305	ng/ul	100
51) 3-Nitroaniline	14.222	138	107167	21.492	ng/ul	97
52) Acenaphthene	14.381	153	443261	20.189	ng/ul	98
53) 2,4-Dinitrophenol	14.440	184	65175	16.686	ng/ul	96
55) 4-Nitrophenol	14.557	109	101832	19.416	ng/ul	98
56) Dibenzofuran	14.722	168	664076	20.135	ng/ul	98
57) 2,4-Dinitrotoluene	14.692	165	171680	20.811	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	14.957	232	173458	21.166	ng/ul	95
59) Diethylphthalate	15.145	149	529783	19.674	ng/ul	98
61) Fluorene	15.387	166	539046	20.059	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.375	204	309721	20.155	ng/ul	98
63) 4-Nitroaniline	15.404	138	113922	22.705	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.469	198	111586	18.051	ng/ul	96
67) N-Nitrosodiphenylamine	15.592	169	461407	19.745	ng/ul	100
68) 4-Bromophenyl-phenylether	16.287	248	217182	20.638	ng/ul	97
69) Hexachlorobenzene	16.410	284	265059	20.463	ng/ul	98
70) Atrazine	16.563	200	174376	17.952	ng/ul	94
71) Pentachlorophenol	16.769	266	160638	19.288	ng/ul	99
72) Phenanthrene	17.163	178	923468	19.780	ng/ul	100
74) Anthracene	17.251	178	949870	20.388	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.098	216	263075	19.800	ng/uL	97
76) Pentachlorobenzene	14.640	250	291337	19.835	ng/uL	98
77) Carbazole	17.534	167	820965	19.914	ng/ul	99
78) Di-n-butylphthalate	18.122	149	916683	20.096	ng/ul	99
80) Fluoranthene	19.251	202	1210102	21.980	ng/ul	99
82) Pyrene	19.628	202	1269305	21.511	ng/ul	99
83) Butylbenzylphthalate	20.569	149	428695	20.867	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.445	252	418622	19.392	ng/ul	99
85) Benzo(a)anthracene	21.522	228	1253083	19.738	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.463	149	595800	20.204	ng/ul	99
87) Chrysene	21.586	228	1150887	19.551	ng/ul	100
89) Di-n-octyl phthalate	22.710	149	1004819	20.409	ng/ul	100
90) Benzo(b)fluoranthene	23.786	252	1266074	19.433	ng/ul#	99
91) Benzo(k)fluoranthene	23.863	252	1280134	20.069	ng/ul	99
93) Benzo(a)pyrene	24.674	252	1202233	20.050	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.556	276	1523409m	19.038	ng/ul	
95) Dibenzo(a,h)anthracene	28.639	278	1239809	19.134	ng/ul	99
96) Benzo(g,h,i)perylene	29.721	276	1217775	19.566	ng/ul	100

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

