

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
 Data File : BP023537.D
 Acq On : 19 Dec 2024 22:03
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020760

Quant Time: Dec 20 00:41:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 00:30:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/21/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.522	152	248115	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.263	136	978489	20.000	ng/u1	#-0.02
38) Acenaphthene-d10	14.128	164	708340	20.000	ng/u1	-0.02
64) Phenanthrene-d10	16.933	188	1553107	20.000	ng/u1	#-0.02
79) Chrysene-d12	21.369	240	1623636	20.000	ng/u1	#-0.02
88) Perylene-d12	24.539	264	1706042	20.000	ng/u1	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	48301	7.167	ng/uL	-0.01
4) Pyridine-d5	3.505	84	357215	20.613	ng/u1	-0.01
7) Phenol-d5	6.740	99	416574	21.398	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.875	67	268382	21.851	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.075	132	323179	22.492	ng/u1	-0.01
15) 4-Methylphenol-d8	8.240	113	318909	20.297	ng/u1	-0.02
21) Nitrobenzene-d5	8.663	128	143685	19.665	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.375	143	175732	20.868	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	9.916	165	340795	19.175	ng/u1	-0.02
31) 4-Chloroaniline-d4	10.416	131	408735	20.528	ng/u1	-0.02
46) Dimethylphthalate-d6	13.540	166	1030103	18.733	ng/u1	-0.02
49) Acenaphthylene-d8	13.816	160	1136954	19.602	ng/u1	-0.02
54) 4-Nitrophenol-d4	14.416	143	120146	17.830	ng/u1	0.00
60) Fluorene-d10	15.139	176	876904	18.130	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.304	200	170788	18.195	ng/u1	0.00
73) Anthracene-d10	17.033	188	1417038	19.992	ng/u1	-0.02
81) Pyrene-d10	19.422	212	1759707	20.744	ng/u1	-0.02
92) Benzo(a)pyrene-d12	24.310	264	1716968	18.800	ng/u1	-0.04
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.128	88	54371	7.291	ng/uL	95
5) Pyridine	3.522	79	376629	21.276	ng/u1	90
6) Benzaldehyde	6.699	77	288273	25.902	ng/u1	98
8) Phenol	6.763	94	438557	21.639	ng/u1#	85
10) Bis(2-Chloroethyl)ether	6.969	93	349084	21.820	ng/u1	98
12) 2-Chlorophenol	7.105	128	333418	22.135	ng/u1	99
13) 2-Methylphenol	7.981	108	318320	21.178	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.028	45	445374	22.892	ng/u1	98
16) Acetophenone	8.340	105	526379	19.905	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.316	70	286200	19.862	ng/u1	92
18) 4-Methylphenol	8.305	108	341208	21.032	ng/u1	98
19) Hexachloroethane	8.563	117	138820	18.928	ng/u1	86
22) Nitrobenzene	8.704	77	424833	19.108	ng/u1	99
23) Isophorone	9.222	82	829413	21.062	ng/u1	98
25) 2-Nitrophenol	9.404	139	184295	20.488	ng/u1#	84
26) 2,4-Dimethylphenol	9.475	107	384249	19.291	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.693	93	474995	21.349	ng/u1	99
29) 2,4-Dichlorophenol	9.946	162	334497	18.990	ng/u1	98
30) Naphthalene	10.310	128	976746	19.068	ng/u1	99
32) 4-Chloroaniline	10.440	127	383293	19.853	ng/u1	99
33) Hexachlorobutadiene	10.581	225	246352	15.766	ng/u1	97
34) Caprolactam	11.228	113	108735m	21.156	ng/u1	
35) 4-Chloro-3-methylphenol	11.593	107	369747	19.331	ng/u1	92
36) 2-Methylnaphthalene	11.922	142	763050	20.088	ng/u1	97

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37) 1-Methylnaphthalene	12.140	142	764909	19.760	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.298	216	475791	18.407	ng/ul	99
40) Hexachlorocyclopentadiene	12.263	237	203716	16.403	ng/ul	98
41) 2,4,6-Trichlorophenol	12.557	196	302716	19.789	ng/ul	98
42) 2,4,5-Trichlorophenol	12.651	196	311751	19.074	ng/ul	99
43) 1,1'-Biphenyl	12.945	154	986077	19.647	ng/ul	97
44) 2-Chloronaphthalene	12.992	162	784521	19.325	ng/ul	98
45) 2-Nitroaniline	13.222	65	248251	21.106	ng/ul	91
47) Dimethylphthalate	13.587	163	1029232	19.001	ng/ul	99
48) 2,6-Dinitrotoluene	13.722	165	204502	19.704	ng/ul	93
50) Acenaphthylene	13.845	152	1177784	19.940	ng/ul	99
51) 3-Nitroaniline	14.069	138	193732	22.271	ng/ul	94
52) Acenaphthene	14.192	153	839192	19.438	ng/ul	99
53) 2,4-Dinitrophenol	14.310	184	102396	15.299	ng/ul	92
55) 4-Nitrophenol	14.428	109	154391	17.007	ng/ul#	67
56) Dibenzofuran	14.534	168	1215223	18.535	ng/ul	95
57) 2,4-Dinitrotoluene	14.534	165	309203	18.488	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.787	232	284070	17.508	ng/ul#	94
59) Diethylphthalate	14.975	149	1024598	18.966	ng/ul	98
61) Fluorene	15.192	166	972305	18.213	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.186	204	521699	16.849	ng/ul	99
63) 4-Nitroaniline	15.251	138	185470	24.241	ng/ul	85
66) 4,6-Dinitro-2-methylph...	15.322	198	183161	18.395	ng/ul	96
67) N-Nitrosodiphenylamine	15.422	169	849146	21.410	ng/ul	99
68) 4-Bromophenyl-phenylether	16.110	248	331958	18.106	ng/ul	99
69) Hexachlorobenzene	16.228	284	384331	17.111	ng/ul	97
70) Atrazine	16.404	200	358784	20.789	ng/ul	98
71) Pentachlorophenol	16.592	266	236182	18.015	ng/ul	97
72) Phenanthrene	16.975	178	1620049	20.177	ng/ul	99
74) Anthracene	17.075	178	1647700	20.523	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.916	216	456860	20.407	ng/ul	99
76) Pentachlorobenzene	14.457	250	454343	18.412	ng/ul	99
77) Carbazole	17.363	167	1471542	22.497	ng/ul	99
78) Di-n-butylphthalate	17.939	149	1767959	21.998	ng/ul	99
80) Fluoranthene	19.075	202	2032739	20.913	ng/ul#	93
82) Pyrene	19.451	202	2135885	20.707	ng/ul#	89
83) Butylbenzylphthalate	20.410	149	836753	23.423	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.274	252	688385	18.477	ng/ul#	98
85) Benzo(a)anthracene	21.345	228	2079706	19.101	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.274	149	1185273	23.104	ng/ul	99
87) Chrysene	21.416	228	1912231	18.327	ng/ul	100
89) Di-n-octyl phthalate	22.468	149	2042787	24.517	ng/ul	100
90) Benzo(b)fluoranthene	23.521	252	2073187	19.341	ng/ul#	98
91) Benzo(k)fluoranthene	23.604	252	2009652	18.843	ng/ul#	98
93) Benzo(a)pyrene	24.380	252	1877270	19.316	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.127	276	2332001	18.672	ng/ul#	94
95) Dibenzo(a,h)anthracene	28.162	278	1854331	18.553	ng/ul#	96
96) Benzo(g,h,i)perylene	29.215	276	1801295	18.837	ng/ul#	94

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

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