

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112224\
 Data File : BP023297.D
 Acq On : 22 Nov 2024 10:39
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020736

Quant Time: Nov 22 12:38:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 20 04:34:35 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
 Supervised By :mohammad ahmed 11/27/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.558	152	72031	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.304	136	275178	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.169	164	220114	20.000	ng/u1	-0.02
64) Phenanthrene-d10	16.992	188	564252	20.000	ng/u1	0.00
79) Chrysene-d12	21.445	240	677753	20.000	ng/u1	0.02
88) Perylene-d12	24.674	264	822122	20.000	ng/u1	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	14104	9.412	ng/uL	0.00
4) Pyridine-d5	3.540	84	93022	20.893	ng/u1	0.00
7) Phenol-d5	6.769	99	109012	20.470	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.905	67	67845	21.684	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.111	132	81180	20.814	ng/u1	0.00
15) 4-Methylphenol-d8	8.269	113	86763	19.798	ng/u1	-0.01
21) Nitrobenzene-d5	8.705	128	39978	20.868	ng/u1	0.00
24) 2-Nitrophenol-d4	9.410	143	47534	20.813	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	9.963	165	99952	20.898	ng/u1	0.00
31) 4-Chloroaniline-d4	10.457	131	112601	19.734	ng/u1	-0.01
46) Dimethylphthalate-d6	13.592	166	330018	20.803	ng/u1	0.00
49) Acenaphthylene-d8	13.863	160	351905	21.259	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.451	143	30863	12.945	ng/u1	0.00
60) Fluorene-d10	15.181	176	298581	21.467	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.357	200	55214	16.335	ng/u1	0.00
73) Anthracene-d10	17.104	188	512197	21.439	ng/u1	0.00
81) Pyrene-d10	19.480	212	662029	21.207	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.445	264	842590	21.516	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.164	88	15175	8.764	ng/uL	93
5) Pyridine	3.558	79	96401	21.560	ng/u1	97
6) Benzaldehyde	6.740	77	76600m	24.995	ng/u1	
8) Phenol	6.793	94	113860	20.474	ng/u1	98
10) Bis(2-Chloroethyl)ether	6.999	93	89068	21.314	ng/u1	97
12) 2-Chlorophenol	7.140	128	85220	21.046	ng/u1	96
13) 2-Methylphenol	8.010	108	85098	20.500	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.063	45	109744	23.198	ng/u1	96
16) Acetophenone	8.369	105	147357	20.010	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.346	70	80170	21.803	ng/u1	98
18) 4-Methylphenol	8.334	108	91957	20.056	ng/u1	96
19) Hexachloroethane	8.605	117	41249	21.063	ng/u1	97
22) Nitrobenzene	8.740	77	123578	22.481	ng/u1	94
23) Isophorone	9.263	82	217878	22.167	ng/u1	98
25) 2-Nitrophenol	9.446	139	51429	21.334	ng/u1	97
26) 2,4-Dimethylphenol	9.510	107	112112	21.537	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.728	93	121794	22.521	ng/u1	96
29) 2,4-Dichlorophenol	9.987	162	100983	21.316	ng/u1	97
30) Naphthalene	10.357	128	280386	20.973	ng/u1	99
32) 4-Chloroaniline	10.481	127	110522	19.993	ng/u1	97
33) Hexachlorobutadiene	10.628	225	88449	20.634	ng/u1	99
34) Caprolactam	11.275	113	28668m	20.345	ng/u1	
35) 4-Chloro-3-methylphenol	11.628	107	105992	20.797	ng/u1	100
36) 2-Methylnaphthalene	11.969	142	211347	20.940	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.187	142	215250	20.862	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.346	216	155666	20.948	ng/ul	95
40) Hexachlorocyclopentadiene	12.310	237	61745	15.819	ng/ul	100
41) 2,4,6-Trichlorophenol	12.604	196	97186	21.478	ng/ul	97
42) 2,4,5-Trichlorophenol	12.687	196	102653	21.043	ng/ul	98
43) 1,1'-Biphenyl	12.993	154	301875	21.403	ng/ul	97
44) 2-Chloronaphthalene	13.034	162	243178	21.092	ng/ul	100
45) 2-Nitroaniline	13.275	65	75196	23.228	ng/ul	97
47) Dimethylphthalate	13.640	163	323891	20.702	ng/ul	100
48) 2,6-Dinitrotoluene	13.763	165	62346	20.486	ng/ul	91
50) Acenaphthylene	13.898	152	362430	21.660	ng/ul	99
51) 3-Nitroaniline	14.110	138	57793	22.048	ng/ul#	97
52) Acenaphthene	14.245	153	266252	21.918	ng/ul	96
53) 2,4-Dinitrophenol	14.357	184	27246m	12.617	ng/ul	
55) 4-Nitrophenol	14.469	109	58903m	21.117	ng/ul	
56) Dibenzofuran	14.592	168	399283	21.274	ng/ul	98
57) 2,4-Dinitrotoluene	14.587	165	100511	20.722	ng/ul#	76
58) 2,3,4,6-Tetrachlorophenol	14.828	232	102157	21.424	ng/ul	97
59) Diethylphthalate	15.028	149	327732	21.180	ng/ul	98
61) Fluorene	15.245	166	326242	21.237	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.245	204	190880	21.103	ng/ul	98
63) 4-Nitroaniline	15.310	138	54544	22.362	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.375	198	59642	16.518	ng/ul	94
67) N-Nitrosodiphenylamine	15.469	169	286520	21.975	ng/ul	99
68) 4-Bromophenyl-phenylether	16.163	248	133380	20.875	ng/ul	97
69) Hexachlorobenzene	16.281	284	164048	20.395	ng/ul	98
70) Atrazine	16.457	200	130699	20.737	ng/ul	98
71) Pentachlorophenol	16.651	266	93454	18.714	ng/ul	98
72) Phenanthrene	17.039	178	568258	21.330	ng/ul	99
74) Anthracene	17.139	178	574885	21.463	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.963	216	153608	20.619	ng/uL	98
76) Pentachlorobenzene	14.498	250	177114	20.821	ng/uL	98
77) Carbazole	17.433	167	500073	21.399	ng/ul	98
78) Di-n-butylphthalate	17.998	149	600395	23.152	ng/ul	100
80) Fluoranthene	19.128	202	761195	21.165	ng/ul	98
82) Pyrene	19.516	202	807464	20.899	ng/ul	98
83) Butylbenzylphthalate	20.474	149	290588	22.844	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.351	252	310234	20.392	ng/ul	100
85) Benzo(a)anthracene	21.422	228	911108	22.016	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.345	149	408497	22.598	ng/ul#	96
87) Chrysene	21.492	228	834106	21.420	ng/ul	99
89) Di-n-octyl phthalate	22.574	149	711275	21.325	ng/ul	100
90) Benzo(b)fluoranthene	23.651	252	970992	21.220	ng/ul	99
91) Benzo(k)fluoranthene	23.715	252	988404	21.942	ng/ul#	98
93) Benzo(a)pyrene	24.521	252	899551	21.747	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.321	276	1204109	20.893	ng/ul	98
95) Dibenzo(a,h)anthracene	28.386	278	950005m	20.302	ng/ul	
96) Benzo(g,h,i)perylene	29.474	276	910279	20.795	ng/ul	99

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

