

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
 Data File : BP021411.D
 Acq On : 07 Aug 2024 07:40
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020732

Quant Time: Aug 07 09:06:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/08/2024
 Supervised By :mohammad ahmed 08/09/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	166121	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.387	136	696122	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.263	164	464005	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.087	188	1059785	20.000	ng/u1	0.00
79) Chrysene-d12	21.527	240	1138567	20.000	ng/u1	0.00
88) Perylene-d12	24.816	264	1311559	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	29989	8.215	ng/uL	-0.02
4) Pyridine-d5	3.581	84	207694	19.652	ng/u1	-0.01
7) Phenol-d5	6.840	99	253498	18.718	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	153781	18.736	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.175	132	214936	19.262	ng/u1	0.00
15) 4-Methylphenol-d8	8.358	113	199318	17.720	ng/u1	0.00
21) Nitrobenzene-d5	8.781	128	102103	18.884	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.493	143	116245	18.784	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.057	165	214582	19.176	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	294155	19.843	ng/u1	0.00
46) Dimethylphthalate-d6	13.675	166	654875	19.415	ng/u1	0.00
49) Acenaphthylene-d8	13.951	160	755298	19.942	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.587	143	122887	25.606	ng/u1	0.00
60) Fluorene-d10	15.275	176	572873	20.702	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.463	200	111629	17.409	ng/u1	0.00
73) Anthracene-d10	17.192	188	942347	20.020	ng/u1	0.00
81) Pyrene-d10	19.575	212	1205098	17.120	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.586	264	1285291	19.870	ng/u1	-0.01
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.187	88	32355	8.059	ng/uL	96
5) Pyridine	3.599	79	213746	19.608	ng/u1	96
6) Benzaldehyde	6.805	77	161674m	23.679	ng/u1	
8) Phenol	6.869	94	264678	19.313	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.064	93	211866	18.714	ng/u1	99
12) 2-Chlorophenol	7.205	128	216308	19.341	ng/u1	96
13) 2-Methylphenol	8.087	108	203824	19.231	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.140	45	317986	19.441	ng/u1#	94
16) Acetophenone	8.452	105	341880	19.693	ng/u1	92
17) N-Nitroso-di-n-propyla...	8.416	70	169599	18.645	ng/u1	96
18) 4-Methylphenol	8.434	108	216662	19.081	ng/u1	100
19) Hexachloroethane	8.658	117	93198	18.544	ng/u1	96
22) Nitrobenzene	8.828	77	255410	19.720	ng/u1	98
23) Isophorone	9.340	82	483832	18.790	ng/u1	98
25) 2-Nitrophenol	9.534	139	124950	19.359	ng/u1	96
26) 2,4-Dimethylphenol	9.599	107	246813	19.392	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.810	93	288128	18.409	ng/u1	99
29) 2,4-Dichlorophenol	10.087	162	206478	18.723	ng/u1	99
30) Naphthalene	10.440	128	706544	19.296	ng/u1	99
32) 4-Chloroaniline	10.587	127	283053	19.995	ng/u1	99
33) Hexachlorobutadiene	10.687	225	152907	18.491	ng/u1	97
34) Caprolactam	11.428	113	57376m	16.889	ng/u1	
35) 4-Chloro-3-methylphenol	11.752	107	197687	16.491	ng/u1	98
36) 2-Methylnaphthalene	12.051	142	412495	16.411	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.275	142	492914	19.068	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.428	216	287426	19.074	ng/ul	99
40) Hexachlorocyclopentadiene	12.375	237	116416	14.768	ng/ul	98
41) 2,4,6-Trichlorophenol	12.698	196	176730	18.561	ng/ul	98
42) 2,4,5-Trichlorophenol	12.810	196	187706	18.632	ng/ul	97
43) 1,1'-Biphenyl	13.075	154	637295	18.794	ng/ul	99
44) 2-Chloronaphthalene	13.128	162	526401	19.445	ng/ul	100
45) 2-Nitroaniline	13.381	65	158133	21.123	ng/ul	94
47) Dimethylphthalate	13.728	163	677672	19.800	ng/ul	99
48) 2,6-Dinitrotoluene	13.875	165	135293	19.772	ng/ul	95
50) Acenaphthylene	13.981	152	852575	19.881	ng/ul	99
51) 3-Nitroaniline	14.234	138	138023	23.180	ng/ul	98
52) Acenaphthene	14.328	153	569182	19.998	ng/ul	98
53) 2,4-Dinitrophenol	14.481	184	83642	23.276	ng/ul	94
55) 4-Nitrophenol	14.610	109	94093	24.103	ng/ul	94
56) Dibenzofuran	14.669	168	788873	20.240	ng/ul	97
57) 2,4-Dinitrotoluene	14.698	165	209528	22.307	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.934	232	174159	20.188	ng/ul	97
59) Diethylphthalate	15.104	149	680884	19.906	ng/ul	99
61) Fluorene	15.334	166	652692	20.521	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.328	204	336775	19.513	ng/ul	98
63) 4-Nitroaniline	15.428	138	134675	27.312	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.481	198	116671	17.158	ng/ul	94
67) N-Nitrosodiphenylamine	15.563	169	567843	18.400	ng/ul	100
68) 4-Bromophenyl-phenylether	16.245	248	218338	17.577	ng/ul	98
69) Hexachlorobenzene	16.363	284	259759	18.238	ng/ul	99
70) Atrazine	16.545	200	216658	19.263	ng/ul	100
71) Pentachlorophenol	16.763	266	124398	16.081	ng/ul	97
72) Phenanthrene	17.134	178	1106238	20.122	ng/ul	99
74) Anthracene	17.228	178	1106249	19.738	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.046	216	284281	16.759	ng/uL	98
76) Pentachlorobenzene	14.587	250	291272	17.281	ng/uL	99
77) Carbazole	17.534	167	1007816	21.997	ng/ul	99
78) Di-n-butylphthalate	18.081	149	1159989	18.351	ng/ul	100
80) Fluoranthene	19.228	202	1390169	16.353	ng/ul	99
82) Pyrene	19.604	202	1459641	16.874	ng/ul	98
83) Butylbenzylphthalate	20.539	149	575918	15.980	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.439	252	485238	18.651	ng/ul	99
85) Benzo(a)anthracene	21.504	228	1535580	19.253	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.410	149	819391	15.798	ng/ul	100
87) Chrysene	21.575	228	1453341	19.610	ng/ul	99
89) Di-n-octyl phthalate	22.639	149	1247021	14.393	ng/ul	100
90) Benzo(b)fluoranthene	23.774	252	1547524	19.443	ng/ul	99
91) Benzo(k)fluoranthene	23.839	252	1583980	19.942	ng/ul	99
93) Benzo(a)pyrene	24.668	252	1455693	19.354	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.568	276	1807145	18.646	ng/ul	98
95) Dibenzo(a,h)anthracene	28.609	278	1494458m	18.621	ng/ul	
96) Benzo(g,h,i)perylene	29.751	276	1457182m	18.461	ng/ul	

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