

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071124\
 Data File : BP020939.D
 Acq On : 12 Jul 2024 18:43
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020684

Quant Time: Jul 12 23:37:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 12 23:34:01 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/13/2024
 Supervised By :mohammad ahmed 07/13/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	143907	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	608498	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.340	164	410580	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.157	188	895169	20.000	ng/u1	0.00
79) Chrysene-d12	21.610	240	886516	20.000	ng/u1	0.00
88) Perylene-d12	24.939	264	998762	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	24824	7.850	ng/uL	0.00
4) Pyridine-d5	3.664	84	176482	19.276	ng/u1	0.00
7) Phenol-d5	6.905	99	215401	18.360	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.052	67	133602	18.790	ng/u1	0.00
11) 2-Chlorophenol-d4	7.252	132	184414	19.078	ng/u1	0.00
15) 4-Methylphenol-d8	8.422	113	178224	18.290	ng/u1	0.00
21) Nitrobenzene-d5	8.857	128	86292	18.258	ng/u1	0.00
24) 2-Nitrophenol-d4	9.569	143	98787	18.262	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.110	165	182208	18.628	ng/u1	0.00
31) 4-Chloroaniline-d4	10.628	131	248696	19.192	ng/u1	0.00
46) Dimethylphthalate-d6	13.751	166	559573	18.748	ng/u1	0.00
49) Acenaphthylene-d8	14.034	160	616521	18.396	ng/u1	0.00
54) 4-Nitrophenol-d4	14.598	143	83582	19.682	ng/u1	0.00
60) Fluorene-d10	15.357	176	455262	18.593	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.492	200	93900	17.337	ng/u1	0.00
73) Anthracene-d10	17.257	188	742658	18.679	ng/u1	0.00
81) Pyrene-d10	19.639	212	886382	16.172	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.710	264	932711	18.935	ng/u1	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.281	88	27742	7.976	ng/uL	97
5) Pyridine	3.681	79	182926	19.371	ng/u1	99
6) Benzaldehyde	6.875	77	124514m	21.051	ng/u1	
8) Phenol	6.934	94	219514	18.490	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.140	93	182062	18.564	ng/u1	100
12) 2-Chlorophenol	7.287	128	180267	18.607	ng/u1	98
13) 2-Methylphenol	8.157	108	167211	18.212	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.216	45	265666	18.750	ng/u1	98
16) Acetophenone	8.528	105	279211	18.565	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.505	70	141734	17.986	ng/u1	98
18) 4-Methylphenol	8.481	108	181128	18.414	ng/u1	97
19) Hexachloroethane	8.769	117	80688	18.533	ng/u1	97
22) Nitrobenzene	8.899	77	208758	18.439	ng/u1	100
23) Isophorone	9.422	82	402363	17.877	ng/u1	99
25) 2-Nitrophenol	9.599	139	103648	18.371	ng/u1	99
26) 2,4-Dimethylphenol	9.663	107	204953	18.422	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.893	93	246765	18.037	ng/u1	99
29) 2,4-Dichlorophenol	10.140	162	176984	18.359	ng/u1	97
30) Naphthalene	10.522	128	588331	18.381	ng/u1	100
32) 4-Chloroaniline	10.646	127	233886	18.901	ng/u1	100
33) Hexachlorobutadiene	10.787	225	130294	18.026	ng/u1	98
34) Caprolactam	11.440	113	58475	19.691	ng/u1	96
35) 4-Chloro-3-methylphenol	11.781	107	192967	18.415	ng/u1	98
36) 2-Methylnaphthalene	12.134	142	404773	18.423	ng/u1	96

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.363	142	421711	18.662	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.498	216	237427	17.806	ng/ul	97
40) Hexachlorocyclopentadiene	12.469	237	99154	14.215	ng/ul	99
41) 2,4,6-Trichlorophenol	12.763	196	151775	18.014	ng/ul	99
42) 2,4,5-Trichlorophenol	12.851	196	158140	17.740	ng/ul	100
43) 1,1'-Biphenyl	13.157	154	533197	17.770	ng/ul	98
44) 2-Chloronaphthalene	13.198	162	426560	17.807	ng/ul	99
45) 2-Nitroaniline	13.422	65	126151	19.044	ng/ul	91
47) Dimethylphthalate	13.798	163	551726	18.218	ng/ul	99
48) 2,6-Dinitrotoluene	13.928	165	112871	18.642	ng/ul	97
50) Acenaphthylene	14.063	152	688559	18.146	ng/ul	99
51) 3-Nitroaniline	14.269	138	104509	19.835	ng/ul	100
52) Acenaphthene	14.410	153	458089	18.189	ng/ul	99
53) 2,4-Dinitrophenol	14.492	184	56855	17.881	ng/ul	93
55) 4-Nitrophenol	14.616	109	67647	19.583	ng/ul	100
56) Dibenzofuran	14.745	168	635055	18.413	ng/ul	99
57) 2,4-Dinitrotoluene	14.740	165	162543	19.556	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	14.992	232	143060	18.741	ng/ul	95
59) Diethylphthalate	15.175	149	568632	18.788	ng/ul	99
61) Fluorene	15.404	166	521953	18.546	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.404	204	275668	18.051	ng/ul	98
63) 4-Nitroaniline	15.451	138	89744m	20.568	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.510	198	100992	17.583	ng/ul	95
67) N-Nitrosodiphenylamine	15.628	169	448221	17.195	ng/ul	98
68) 4-Bromophenyl-phenylether	16.316	248	182772	17.419	ng/ul	97
69) Hexachlorobenzene	16.434	284	208051	17.293	ng/ul	94
70) Atrazine	16.604	200	183042	19.267	ng/ul	98
71) Pentachlorophenol	16.804	266	116356	17.808	ng/ul	98
72) Phenanthrene	17.198	178	841272	18.116	ng/ul	99
74) Anthracene	17.286	178	858539	18.135	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.122	216	234565	16.371	ng/uL	96
76) Pentachlorobenzene	14.663	250	237005	16.647	ng/uL	99
77) Carbazole	17.581	167	794434	20.528	ng/ul	99
78) Di-n-butylphthalate	18.157	149	1033997	19.366	ng/ul	100
80) Fluoranthene	19.292	202	1025551	15.494	ng/ul	99
82) Pyrene	19.675	202	1074026	15.946	ng/ul	100
83) Butylbenzylphthalate	20.616	149	481880	17.172	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.516	252	375113	18.517	ng/ul	98
85) Benzo(a)anthracene	21.586	228	1112586	17.916	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.510	149	702431	17.394	ng/ul	100
87) Chrysene	21.657	228	1039350	18.011	ng/ul	99
89) Di-n-octyl phthalate	22.780	149	1214834	18.413	ng/ul	100
90) Benzo(b)fluoranthene	23.880	252	1125280	18.566	ng/ul	99
91) Benzo(k)fluoranthene	23.951	252	1138804	18.827	ng/ul	100
93) Benzo(a)pyrene	24.780	252	1073887	18.750	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.715	276	1359478m	18.420	ng/ul	
95) Dibenzo(a,h)anthracene	28.798	278	1112732	18.207	ng/ul	99
96) Benzo(g,h,i)perylene	29.886	276	1096310m	18.239	ng/ul	

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

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