

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
 Data File : BP020855.D
 Acq On : 09 Jul 2024 08:16
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020678

Quant Time: Jul 09 08:44:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 15:01:56 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/09/2024
 Supervised By :mohammad ahmed 07/10/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	194995	20.000	ng/u1	0.00
20) Naphthalene-d8	10.504	136	841715	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.363	164	569061	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.175	188	1229341	20.000	ng/u1	0.01
79) Chrysene-d12	21.633	240	1151100	20.000	ng/u1	0.01
88) Perylene-d12	24.963	264	1317940	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	31244	6.880	ng/uL	0.00
4) Pyridine-d5	3.675	84	224988	17.000	ng/u1	0.00
7) Phenol-d5	6.922	99	293484	18.351	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.075	67	174464	17.207	ng/u1	0.00
11) 2-Chlorophenol-d4	7.275	132	248632	19.022	ng/u1	0.00
15) 4-Methylphenol-d8	8.440	113	247096	19.023	ng/u1	0.00
21) Nitrobenzene-d5	8.881	128	121344	19.526	ng/u1	0.00
24) 2-Nitrophenol-d4	9.587	143	137263	22.072	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	251490	19.632	ng/u1	0.00
31) 4-Chloroaniline-d4	10.640	131	345588	19.250	ng/u1	0.00
46) Dimethylphthalate-d6	13.775	166	749297	18.938	ng/u1	0.02
49) Acenaphthylene-d8	14.057	160	862291	18.264	ng/u1	0.02
54) 4-Nitrophenol-d4	14.604	143	125274	20.722	ng/u1	0.02
60) Fluorene-d10	15.369	176	634359	19.053	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	118888	19.190	ng/u1	0.01
73) Anthracene-d10	17.269	188	1021856	18.521	ng/u1	0.00
81) Pyrene-d10	19.657	212	1179986	17.063	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.739	264	1166075	18.189	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	33673	6.627	ng/uL	94
5) Pyridine	3.693	79	234911	17.136	ng/u1	96
6) Benzaldehyde	6.893	77	183328	22.667	ng/u1	98
8) Phenol	6.952	94	297127	18.218	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.163	93	242615	17.968	ng/u1	97
12) 2-Chlorophenol	7.305	128	248886	18.941	ng/u1	99
13) 2-Methylphenol	8.175	108	231139	18.472	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.246	45	349407	17.028	ng/u1	99
16) Acetophenone	8.546	105	376016	18.127	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.522	70	189213	17.161	ng/u1	98
18) 4-Methylphenol	8.499	108	247166	18.661	ng/u1	99
19) Hexachloroethane	8.787	117	104837	18.379	ng/u1	94
22) Nitrobenzene	8.922	77	284601	17.666	ng/u1	98
23) Isophorone	9.440	82	551430	17.276	ng/u1	98
25) 2-Nitrophenol	9.622	139	142485	21.216	ng/u1	94
26) 2,4-Dimethylphenol	9.687	107	279425	17.864	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.910	93	328805	17.316	ng/u1	99
29) 2,4-Dichlorophenol	10.157	162	241723	19.064	ng/u1	97
30) Naphthalene	10.546	128	801436	17.789	ng/u1	100
32) 4-Chloroaniline	10.663	127	321885	18.623	ng/u1	99
33) Hexachlorobutadiene	10.816	225	177627	18.739	ng/u1	99
34) Caprolactam	11.457	113	80014	20.737	ng/u1	89
35) 4-Chloro-3-methylphenol	11.799	107	269181	19.228	ng/u1	98
36) 2-Methylnaphthalene	12.151	142	553583	18.343	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.381	142	572202	18.547	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.522	216	327796	18.017	ng/ul	99
40) Hexachlorocyclopentadiene	12.493	237	144167	12.731	ng/ul	100
41) 2,4,6-Trichlorophenol	12.781	196	210823	19.424	ng/ul	98
42) 2,4,5-Trichlorophenol	12.863	196	223245	19.832	ng/ul	97
43) 1,1'-Biphenyl	13.175	154	746214	17.534	ng/ul	99
44) 2-Chloronaphthalene	13.222	162	589949	17.600	ng/ul	98
45) 2-Nitroaniline	13.440	65	172033	20.376	ng/ul	87
47) Dimethylphthalate	13.816	163	750549	18.622	ng/ul	99
48) 2,6-Dinitrotoluene	13.940	165	154856	21.547	ng/ul	92
50) Acenaphthylene	14.081	152	956187	17.930	ng/ul	99
51) 3-Nitroaniline	14.275	138	154269	23.096	ng/ul	98
52) Acenaphthene	14.428	153	627386	17.734	ng/ul	99
53) 2,4-Dinitrophenol	14.504	184	68450	18.362	ng/ul	98
55) 4-Nitrophenol	14.616	109	99803	18.448	ng/ul	92
56) Dibenzofuran	14.769	168	871879	18.290	ng/ul	100
57) 2,4-Dinitrotoluene	14.757	165	226967	22.879	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.998	232	197715	21.266	ng/ul#	95
59) Diethylphthalate	15.210	149	779495	19.607	ng/ul	98
61) Fluorene	15.428	166	723013	18.877	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.428	204	380286	19.027	ng/ul	97
63) 4-Nitroaniline	15.469	138	170727m	26.932	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.528	198	129395	19.498	ng/ul#	90
67) N-Nitrosodiphenylamine	15.651	169	612229	16.887	ng/ul	99
68) 4-Bromophenyl-phenylether	16.345	248	241996	17.648	ng/ul	94
69) Hexachlorobenzene	16.451	284	284880	18.559	ng/ul	93
70) Atrazine	16.634	200	241863	18.924	ng/ul	97
71) Pentachlorophenol	16.816	266	160972	18.215	ng/ul	96
72) Phenanthrene	17.216	178	1149789	17.861	ng/ul	99
74) Anthracene	17.304	178	1187841	17.938	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.140	216	324664	16.270	ng/uL	99
76) Pentachlorobenzene	14.681	250	325346	17.106	ng/uL	99
77) Carbazole	17.598	167	1034940	18.938	ng/ul	99
78) Di-n-butylphthalate	18.181	149	1346756	18.974	ng/ul	100
80) Fluoranthene	19.310	202	1399373	16.566	ng/ul	99
82) Pyrene	19.686	202	1461282	16.868	ng/ul	99
83) Butylbenzylphthalate	20.633	149	622476	19.351	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.533	252	463107	18.196	ng/ul	97
85) Benzo(a)anthracene	21.610	228	1432082	17.750	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.527	149	894260	17.905	ng/ul	99
87) Chrysene	21.680	228	1339337	17.562	ng/ul	99
89) Di-n-octyl phthalate	22.810	149	1518759	17.951	ng/ul	100
90) Benzo(b)fluoranthene	23.904	252	1410608	17.667	ng/ul	98
91) Benzo(k)fluoranthene	23.974	252	1415416	17.525	ng/ul	99
93) Benzo(a)pyrene	24.815	252	1358019	18.018	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.780	276	1670951	17.284	ng/ul	97
95) Dibenzo(a,h)anthracene	28.856	278	1397974m	17.595	ng/ul	
96) Benzo(g,h,i)perylene	29.962	276	1355679	17.176	ng/ul	97

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

