

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
 Data File : BP017552.D
 Acq On : 05 Oct 2023 06:12
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020769

Quant Time: Oct 05 06:43:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 04 16:33:47 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/05/2023
 Supervised By :mohammad ahmed 10/07/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	109847	20.000	ng/u1	0.00
20) Naphthalene-d8	10.775	136	445969	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.634	164	285892	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.422	188	642475	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	685917	20.000	ng/u1	0.00
88) Perylene-d12	24.139	264	770657	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	23834	8.675	ng/uL	0.00
4) Pyridine-d5	3.723	84	160287	22.287	ng/u1	0.00
7) Phenol-d5	7.093	99	211476	22.882	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	127407	22.592	ng/u1	0.00
11) 2-Chlorophenol-d4	7.458	132	167470	23.013	ng/u1	0.00
15) 4-Methylphenol-d8	8.663	113	168173	22.730	ng/u1	0.00
21) Nitrobenzene-d5	9.146	128	79394	23.140	ng/u1	0.00
24) 2-Nitrophenol-d4	9.863	143	90209	23.312	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.393	165	169910	23.684	ng/u1	0.00
31) 4-Chloroaniline-d4	10.946	131	233744	22.872	ng/u1	0.00
46) Dimethylphthalate-d6	14.046	166	501103	22.471	ng/u1	0.00
49) Acenaphthylene-d8	14.328	160	564316	22.949	ng/u1	0.00
54) 4-Nitrophenol-d4	14.875	143	84052	21.523	ng/u1	0.00
60) Fluorene-d10	15.634	176	434489	22.970	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.781	200	74712	18.653	ng/u1	0.00
73) Anthracene-d10	17.522	188	697551	23.455	ng/u1	0.00
81) Pyrene-d10	19.775	212	867973	22.773	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.968	264	902042	23.193	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.323	88	25022	8.859	ng/uL#	91
5) Pyridine	3.746	79	174109	23.054	ng/u1	97
6) Benzaldehyde	7.099	77	118576	25.450	ng/u1	98
8) Phenol	7.122	94	213722	23.088	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.375	93	166526	22.218	ng/u1	98
12) 2-Chlorophenol	7.493	128	167178	22.698	ng/u1	100
13) 2-Methylphenol	8.393	108	156334	22.535	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.452	45	222501m	22.545	ng/u1	
16) Acetophenone	8.799	105	259270	22.219	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.763	70	134737	22.505	ng/u1	99
18) 4-Methylphenol	8.728	108	171021	22.782	ng/u1	100
19) Hexachloroethane	9.005	117	72436	22.156	ng/u1	98
22) Nitrobenzene	9.187	77	206968	23.453	ng/u1	97
23) Isophorone	9.705	82	368797	22.778	ng/u1	98
25) 2-Nitrophenol	9.899	139	96707	23.552	ng/u1	97
26) 2,4-Dimethylphenol	9.940	107	190268	23.371	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.193	93	224230	22.651	ng/u1	99
29) 2,4-Dichlorophenol	10.422	162	164630	23.634	ng/u1	97
30) Naphthalene	10.828	128	545559	22.928	ng/u1	99
32) 4-Chloroaniline	10.969	127	228287	23.402	ng/u1	98
33) Hexachlorobutadiene	11.052	225	117483	23.224	ng/u1	98
34) Caprolactam	11.804	113	49399	22.852	ng/u1	89
35) 4-Chloro-3-methylphenol	12.081	107	174607	23.751	ng/u1	99
36) 2-Methylnaphthalene	12.440	142	371580	22.854	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.663	142	383912	23.014	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.793	216	215187	22.974	ng/ul	98
40) Hexachlorocyclopentadiene	12.734	237	91510	17.322	ng/ul	98
41) 2,4,6-Trichlorophenol	13.057	196	137584	23.048	ng/ul	99
42) 2,4,5-Trichlorophenol	13.128	196	146161	23.254	ng/ul	97
43) 1,1'-Biphenyl	13.457	154	500095	22.851	ng/ul	99
44) 2-Chloronaphthalene	13.504	162	399381	22.953	ng/ul	99
45) 2-Nitroaniline	13.751	65	114100	23.598	ng/ul	99
47) Dimethylphthalate	14.098	163	500752	22.341	ng/ul	99
48) 2,6-Dinitrotoluene	14.245	165	95715	22.916	ng/ul	97
50) Acenaphthylene	14.357	152	655795	23.061	ng/ul	99
51) 3-Nitroaniline	14.587	138	96076	24.130	ng/ul	100
52) Acenaphthene	14.698	153	429282	22.870	ng/ul	99
53) 2,4-Dinitrophenol	14.798	184	36167	14.628	ng/ul#	84
55) 4-Nitrophenol	14.887	109	75437	21.511	ng/ul	98
56) Dibenzofuran	15.040	168	605236	22.910	ng/ul	99
57) 2,4-Dinitrotoluene	15.034	165	147178	23.609	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.257	232	128539	23.106	ng/ul#	99
59) Diethylphthalate	15.457	149	505484	22.484	ng/ul	99
61) Fluorene	15.692	166	500171	22.924	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.687	204	258113	23.093	ng/ul	98
63) 4-Nitroaniline	15.763	138	94487	25.248	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.792	198	81184	18.946	ng/ul	97
67) N-Nitrosodiphenylamine	15.916	169	418372	23.256	ng/ul	98
68) 4-Bromophenyl-phenylether	16.592	248	156231	22.938	ng/ul	99
69) Hexachlorobenzene	16.675	284	184882	23.049	ng/ul	99
70) Atrazine	16.875	200	158025	22.704	ng/ul	95
71) Pentachlorophenol	17.045	266	105319	21.689	ng/ul	96
72) Phenanthrene	17.463	178	808616	23.385	ng/ul	99
74) Anthracene	17.557	178	823877	23.377	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.410	216	217228	22.873	ng/uL	97
76) Pentachlorobenzene	14.928	250	218889	23.218	ng/uL	98
77) Carbazole	17.851	167	745543	23.558	ng/ul	100
78) Di-n-butylphthalate	18.363	149	857528	22.481	ng/ul	99
80) Fluoranthene	19.445	202	999292	22.506	ng/ul	99
82) Pyrene	19.804	202	1050693	22.428	ng/ul	100
83) Butylbenzylphthalate	20.675	149	412639	22.428	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.486	252	344911	22.131	ng/ul	100
85) Benzo(a)anthracene	21.545	228	1120008	23.307	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.422	149	588920	22.207	ng/ul	100
87) Chrysene	21.598	228	1033692	23.013	ng/ul	100
89) Di-n-octyl phthalate	22.410	149	1048298	21.503	ng/ul	100
90) Benzo(b)fluoranthene	23.333	252	1115271	23.053	ng/ul	99
91) Benzo(k)fluoranthene	23.392	252	1095435	22.711	ng/ul	100
93) Benzo(a)pyrene	24.021	252	1043906	23.082	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.880	276	1264747	22.875	ng/ul	99
95) Dibenzo(a,h)anthracene	26.910	278	1054063	22.625	ng/ul	100
96) Benzo(g,h,i)perylene	27.739	276	1011731	22.811	ng/ul	99

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

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