

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032224\
 Data File : BP019975.D
 Acq On : 23 Mar 2024 05:12
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020761

Quant Time: Mar 23 05:42:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 22 22:40:53 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/26/2024
 Supervised By :mohammad ahmed 03/26/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	99402	20.000	ng/u1	0.00
20) Naphthalene-d8	10.375	136	395792	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.257	164	271565	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	592758	20.000	ng/u1	-0.02
79) Chrysene-d12	21.545	240	608653	20.000	ng/u1	0.00
88) Perylene-d12	24.827	264	690083	20.000	ng/u1	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	19750	8.705	ng/uL	0.00
4) Pyridine-d5	3.640	84	143240	20.910	ng/u1	0.00
7) Phenol-d5	6.799	99	170797	20.373	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	6.975	67	110571	20.244	ng/u1	0.00
11) 2-Chlorophenol-d4	7.152	132	123021	20.433	ng/u1	0.00
15) 4-Methylphenol-d8	8.310	113	132813	20.477	ng/u1	0.00
21) Nitrobenzene-d5	8.763	128	62187	20.499	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.469	143	71162	20.966	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.998	165	130217	21.006	ng/u1	0.00
31) 4-Chloroaniline-d4	10.516	131	173780	21.505	ng/u1	0.00
46) Dimethylphthalate-d6	13.669	166	404653	21.253	ng/u1	0.00
49) Acenaphthylene-d8	13.939	160	445360	20.024	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.504	143	64258	21.467	ng/u1	0.00
60) Fluorene-d10	15.275	176	341052	21.027	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.422	200	69698	19.643	ng/u1	-0.01
73) Anthracene-d10	17.169	188	539954	20.578	ng/u1	-0.02
81) Pyrene-d10	19.569	212	673660	18.864	ng/u1	-0.02
92) Benzo(a)pyrene-d12	24.604	264	697297	21.033	ng/u1	-0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.275	88	22745	8.785	ng/uL	96
5) Pyridine	3.658	79	145920	20.898	ng/u1	99
6) Benzaldehyde	6.787	77	107314	25.887	ng/u1	98
8) Phenol	6.828	94	175822	20.060	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.063	93	145710	20.528	ng/u1	97
12) 2-Chlorophenol	7.181	128	130371	20.547	ng/u1	97
13) 2-Methylphenol	8.057	108	128927	20.406	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.140	45	203750	20.875	ng/u1	98
16) Acetophenone	8.434	105	217679	20.806	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.416	70	125346	21.481	ng/u1	99
18) 4-Methylphenol	8.381	108	138371	20.347	ng/u1	99
19) Hexachloroethane	8.657	117	62366	21.162	ng/u1	97
22) Nitrobenzene	8.810	77	182117	21.076	ng/u1	97
23) Isophorone	9.322	82	344127	21.365	ng/u1	99
25) 2-Nitrophenol	9.504	139	74427	21.034	ng/u1	96
26) 2,4-Dimethylphenol	9.557	107	161403	20.896	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.799	93	198872	21.115	ng/u1	100
29) 2,4-Dichlorophenol	10.028	162	125289	20.661	ng/u1	99
30) Naphthalene	10.416	128	417452	20.559	ng/u1	99
32) 4-Chloroaniline	10.546	127	169559	21.380	ng/u1	98
33) Hexachlorobutadiene	10.681	225	99431	20.806	ng/u1	99
34) Caprolactam	11.357	113	44005m	23.345	ng/u1	
35) 4-Chloro-3-methylphenol	11.669	107	148951	22.111	ng/u1	98
36) 2-Methylnaphthalene	12.034	142	286570	21.197	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.257	142	287731	21.280	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.404	216	172259	19.186	ng/ul	97
40) Hexachlorocyclopentadiene	12.369	237	84028	16.539	ng/ul	98
41) 2,4,6-Trichlorophenol	12.669	196	109055	19.771	ng/ul	99
42) 2,4,5-Trichlorophenol	12.745	196	118217	20.722	ng/ul	100
43) 1,1'-Biphenyl	13.069	154	388779	19.769	ng/ul	99
44) 2-Chloronaphthalene	13.104	162	310089	19.552	ng/ul	98
45) 2-Nitroaniline	13.339	65	108058	21.630	ng/ul	98
47) Dimethylphthalate	13.716	163	414863	21.587	ng/ul	100
48) 2,6-Dinitrotoluene	13.845	165	83311	21.351	ng/ul	97
50) Acenaphthylene	13.975	152	502435	20.200	ng/ul	99
51) 3-Nitroaniline	14.187	138	80084	22.286	ng/ul	94
52) Acenaphthene	14.322	153	335867	20.327	ng/ul	99
53) 2,4-Dinitrophenol	14.410	184	42624	19.194	ng/ul#	87
55) 4-Nitrophenol	14.516	109	60175	21.907	ng/ul	98
56) Dibenzofuran	14.669	168	463609	20.659	ng/ul	97
57) 2,4-Dinitrotoluene	14.663	165	123733	23.193	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.904	232	105269	21.517	ng/ul	97
59) Diethylphthalate	15.104	149	419602	22.017	ng/ul	99
61) Fluorene	15.339	166	392071	21.421	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.334	204	204646	20.875	ng/ul	99
63) 4-Nitroaniline	15.386	138	75392	24.565	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.434	198	75095	19.942	ng/ul	98
67) N-Nitrosodiphenylamine	15.539	169	327608	20.009	ng/ul	98
68) 4-Bromophenyl-phenylether	16.239	248	130222	20.242	ng/ul	98
69) Hexachlorobenzene	16.339	284	144162	20.181	ng/ul	100
70) Atrazine	16.545	200	133620	21.301	ng/ul	99
71) Pentachlorophenol	16.716	266	84175	20.101	ng/ul	95
72) Phenanthrene	17.110	178	626733	20.450	ng/ul	100
74) Anthracene	17.216	178	639899	20.564	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.022	216	172297	17.828	ng/uL	99
76) Pentachlorobenzene	14.581	250	169718	18.962	ng/uL	97
77) Carbazole	17.504	167	571468	21.476	ng/ul	99
78) Di-n-butylphthalate	18.104	149	742259	22.341	ng/ul	98
80) Fluoranthene	19.222	202	789964	18.833	ng/ul	99
82) Pyrene	19.598	202	828923	19.014	ng/ul	99
83) Butylbenzylphthalate	20.574	149	355685	20.093	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.457	252	279665	21.606	ng/ul	100
85) Benzo(a)anthracene	21.527	228	879464	20.880	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.474	149	543730	21.021	ng/ul	97
87) Chrysene	21.592	228	807415	20.618	ng/ul	99
89) Di-n-octyl phthalate	22.739	149	948571	21.673	ng/ul	100
90) Benzo(b)fluoranthene	23.786	252	866725	21.422	ng/ul	100
91) Benzo(k)fluoranthene	23.857	252	846127	20.579	ng/ul	100
93) Benzo(a)pyrene	24.674	252	810798	20.718	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.545	276	997011m	20.227	ng/ul	
95) Dibenzo(a,h)anthracene	28.633	278	833990	20.800	ng/ul	98
96) Benzo(g,h,i)perylene	29.680	276	809369m	20.328	ng/ul	

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

