

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042024\
 Data File : BP020038.D
 Acq On : 20 Apr 2024 10:39
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020770

Quant Time: Apr 21 23:48:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 20 01:32:50 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/30/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	75214	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	311662	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	219915	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.169	188	503133	20.000	ng/u1	0.01
79) Chrysene-d12	21.669	240	532595	20.000	ng/u1	0.01
88) Perylene-d12	25.051	264	592665	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	16292	8.875	ng/uL	0.00
4) Pyridine-d5	3.634	84	111816	20.695	ng/u1	0.00
7) Phenol-d5	6.822	99	137782	21.019	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	93096	20.318	ng/u1	0.00
11) 2-Chlorophenol-d4	7.181	132	97488	21.781	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	106751	20.848	ng/u1	0.00
21) Nitrobenzene-d5	8.799	128	49904	22.260	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	52895	21.828	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.052	165	106749	22.205	ng/u1	0.01
31) 4-Chloroaniline-d4	10.569	131	145433	22.661	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	343375	22.847	ng/u1	0.01
49) Acenaphthylene-d8	14.004	160	386040	21.550	ng/u1	0.00
54) 4-Nitrophenol-d4	14.569	143	56058	24.502	ng/u1	0.01
60) Fluorene-d10	15.345	176	298172	22.287	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.498	200	61720	20.998	ng/u1	0.01
73) Anthracene-d10	17.275	188	488445	21.669	ng/u1	0.01
81) Pyrene-d10	19.669	212	604375	21.116	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.810	264	621421	21.464	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.264	88	18083	8.764	ng/uL	95
5) Pyridine	3.652	79	123228	22.027	ng/u1	98
6) Benzaldehyde	6.811	77	96962	24.743	ng/u1	98
8) Phenol	6.852	94	147180	21.307	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.087	93	116999	20.743	ng/u1	97
12) 2-Chlorophenol	7.211	128	102254	21.682	ng/u1	97
13) 2-Methylphenol	8.081	108	108435	21.420	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.158	45	170404	20.670	ng/u1	97
16) Acetophenone	8.463	105	183226	20.889	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.446	70	109885	21.446	ng/u1	98
18) 4-Methylphenol	8.410	108	115267	21.398	ng/u1	97
19) Hexachloroethane	8.693	117	50156	21.607	ng/u1	96
22) Nitrobenzene	8.840	77	160643	21.988	ng/u1	99
23) Isophorone	9.363	82	297767	21.959	ng/u1	98
25) 2-Nitrophenol	9.546	139	57749	22.373	ng/u1	96
26) 2,4-Dimethylphenol	9.599	107	135317	21.915	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.846	93	161741	21.272	ng/u1	99
29) 2,4-Dichlorophenol	10.075	162	105217	22.477	ng/u1	94
30) Naphthalene	10.463	128	355361	21.988	ng/u1	100
32) 4-Chloroaniline	10.593	127	143994	22.615	ng/u1	97
33) Hexachlorobutadiene	10.734	225	82783	21.506	ng/u1	97
34) Caprolactam	11.410	113	35876m	24.454	ng/u1	
35) 4-Chloro-3-methylphenol	11.734	107	126945	22.620	ng/u1	98
36) 2-Methylnaphthalene	12.099	142	241175	21.615	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.322	142	244380	22.055	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.463	216	147115	20.527	ng/ul	99
40) Hexachlorocyclopentadiene	12.428	237	71516	17.321	ng/ul	98
41) 2,4,6-Trichlorophenol	12.722	196	90396	21.050	ng/ul	97
42) 2,4,5-Trichlorophenol	12.804	196	95142	21.314	ng/ul	99
43) 1,1'-Biphenyl	13.134	154	331316	21.014	ng/ul	98
44) 2-Chloronaphthalene	13.169	162	264427	20.994	ng/ul	98
45) 2-Nitroaniline	13.404	65	95648	23.374	ng/ul	98
47) Dimethylphthalate	13.781	163	347061	22.488	ng/ul	99
48) 2,6-Dinitrotoluene	13.916	165	66947	22.988	ng/ul	96
50) Acenaphthylene	14.034	152	436076	21.596	ng/ul	99
51) 3-Nitroaniline	14.257	138	67352	24.435	ng/ul	96
52) Acenaphthene	14.387	153	288886	21.704	ng/ul	99
53) 2,4-Dinitrophenol	14.481	184	39306	22.445	ng/ul	95
55) 4-Nitrophenol	14.581	109	63763	24.462	ng/ul	95
56) Dibenzofuran	14.734	168	405246	22.052	ng/ul	99
57) 2,4-Dinitrotoluene	14.728	165	103827	25.185	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	14.975	232	92244	23.862	ng/ul	99
59) Diethylphthalate	15.187	149	358466	23.130	ng/ul	99
61) Fluorene	15.404	166	340682	22.437	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.404	204	180175	21.840	ng/ul	98
63) 4-Nitroaniline	15.457	138	64982	26.552	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.510	198	63373	20.744	ng/ul	94
67) N-Nitrosodiphenylamine	15.634	169	291672	20.957	ng/ul	98
68) 4-Bromophenyl-phenylether	16.328	248	113219	20.518	ng/ul	99
69) Hexachlorobenzene	16.434	284	125348	20.985	ng/ul	99
70) Atrazine	16.634	200	115082	22.518	ng/ul	98
71) Pentachlorophenol	16.810	266	75456m	20.842	ng/ul	
72) Phenanthrene	17.216	178	570140	21.824	ng/ul	99
74) Anthracene	17.310	178	577664	21.680	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.087	216	146062	18.311	ng/uL	96
76) Pentachlorobenzene	14.645	250	146659	19.538	ng/uL	99
77) Carbazole	17.604	167	523276	22.919	ng/ul	99
78) Di-n-butylphthalate	18.204	149	638925	23.195	ng/ul	100
80) Fluoranthene	19.322	202	720902	21.423	ng/ul	99
82) Pyrene	19.698	202	754210	21.543	ng/ul	99
83) Butylbenzylphthalate	20.680	149	300705	22.527	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.580	252	263829	22.402	ng/ul	99
85) Benzo(a)anthracene	21.645	228	805203	21.857	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.592	149	454617	22.092	ng/ul	99
87) Chrysene	21.722	228	749428	21.601	ng/ul	100
89) Di-n-octyl phthalate	22.898	149	769357	21.004	ng/ul	100
90) Benzo(b)fluoranthene	23.974	252	777178	21.758	ng/ul	98
91) Benzo(k)fluoranthene	24.045	252	772137	21.086	ng/ul	99
93) Benzo(a)pyrene	24.886	252	727562	21.138	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.880	276	850125m	21.300	ng/ul	
95) Dibenzo(a,h)anthracene	28.980	278	700103m	21.529	ng/ul	
96) Benzo(g,h,i)perylene	30.092	276	683050m	21.396	ng/ul	

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

