

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110822\
 Data File : BP012584.D
 Acq On : 09 Nov 2022 11:47
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020670

Quant Time: Nov 09 22:30:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 08 22:40:23 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/10/2022
 Supervised By :mohammad ahmed 11/14/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	321188	20.000	ng/u1	0.00
20) Naphthalene-d8	10.569	136	1554235	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.428	164	1046281	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.192	188	2302857	20.000	ng/u1	0.00
79) Chrysene-d12	21.286	240	2056611	20.000	ng/u1	0.00
88) Perylene-d12	23.668	264	1900433	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	57912	7.260	ng/uL	0.00
4) Pyridine-d5	3.646	84	443529	19.356	ng/u1	0.00
7) Phenol-d5	6.957	99	599690	20.817	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	342233	19.900	ng/u1	0.00
11) 2-Chlorophenol-d4	7.310	132	443056	21.060	ng/u1	0.00
15) 4-Methylphenol-d8	8.499	113	488672	21.448	ng/u1	0.00
21) Nitrobenzene-d5	8.940	128	233782	23.195	ng/u1	0.00
24) 2-Nitrophenol-d4	9.663	143	259375	24.794	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	501372	22.115	ng/u1	0.00
31) 4-Chloroaniline-d4	10.722	131	713971	21.151	ng/u1	0.00
46) Dimethylphthalate-d6	13.845	166	1475220	20.597	ng/u1	0.00
49) Acenaphthylene-d8	14.116	160	1690478	20.653	ng/u1	0.00
54) 4-Nitrophenol-d4	14.675	143	233584	17.232	ng/u1	0.00
60) Fluorene-d10	15.428	176	1277433	20.831	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	251249	20.955	ng/u1	0.00
73) Anthracene-d10	17.292	188	2017716	20.335	ng/u1	0.00
81) Pyrene-d10	19.533	212	2311423	22.385	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.510	264	1881777	20.265	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.264	88	63085	7.439	ng/uL	97
5) Pyridine	3.664	79	427151	18.968	ng/u1	93
6) Benzaldehyde	6.922	77	305220	22.465	ng/u1	96
8) Phenol	6.987	94	627860	20.961	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.205	93	475865	19.795	ng/u1	100
12) 2-Chlorophenol	7.340	128	481010	21.004	ng/u1	99
13) 2-Methylphenol	8.234	108	482514	20.947	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.304	45	634035	19.666	ng/u1	99
16) Acetophenone	8.604	105	764723	21.610	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.587	70	374472	21.981	ng/u1	99
18) 4-Methylphenol	8.563	108	541323	21.501	ng/u1	99
19) Hexachloroethane	8.840	117	178485	20.264	ng/u1	97
22) Nitrobenzene	8.987	77	563364	21.424	ng/u1	100
23) Isophorone	9.510	82	1090351	19.814	ng/u1	100
25) 2-Nitrophenol	9.693	139	295950	23.594	ng/u1	97
26) 2,4-Dimethylphenol	9.763	107	585397	21.254	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.993	93	692803	19.674	ng/u1	100
29) 2,4-Dichlorophenol	10.234	162	511149	21.718	ng/u1	99
30) Naphthalene	10.622	128	1634524	19.843	ng/u1	100
32) 4-Chloroaniline	10.751	127	737416	21.230	ng/u1	99
33) Hexachlorobutadiene	10.893	225	300980	20.556	ng/u1	97
34) Caprolactam	11.551	113	158717	19.819	ng/u1	98
35) 4-Chloro-3-methylphenol	11.893	107	580974	22.466	ng/u1	99
36) 2-Methylnaphthalene	12.240	142	1155252	20.457	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.457	142	1154811	20.476	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.604	216	614316	19.989	ng/u1	100
40) Hexachlorocyclopentadiene	12.575	237	269624	18.963	ng/u1	100
41) 2,4,6-Trichlorophenol	12.857	196	425381	21.654	ng/u1	99
42) 2,4,5-Trichlorophenol	12.945	196	458914	21.419	ng/u1	99
43) 1,1'-Biphenyl	13.257	154	1519729	19.754	ng/u1	100
44) 2-Chloronaphthalene	13.298	162	1218060	20.148	ng/u1	99
45) 2-Nitroaniline	13.522	65	358640	25.595	ng/u1	97
47) Dimethylphthalate	13.892	163	1527635	20.244	ng/u1	100
48) 2,6-Dinitrotoluene	14.022	165	317453	25.336	ng/u1	100
50) Acenaphthylene	14.145	152	1863082	20.297	ng/u1	100
51) 3-Nitroaniline	14.357	138	331844	21.630	ng/u1	100
52) Acenaphthene	14.492	153	1293777	20.056	ng/u1	99
53) 2,4-Dinitrophenol	14.569	184	204915	24.217	ng/u1	98
55) 4-Nitrophenol	14.692	109	187706	18.301	ng/u1	92
56) Dibenzofuran	14.828	168	1791918	20.347	ng/u1	98
57) 2,4-Dinitrotoluene	14.810	165	459642	24.355	ng/u1	93
58) 2,3,4,6-Tetrachlorophenol	15.063	232	404312	22.233	ng/u1	98
59) Diethylphthalate	15.257	149	1537430	20.938	ng/u1	99
61) Fluorene	15.481	166	1439506	20.572	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.475	204	715495	20.846	ng/u1	98
63) 4-Nitroaniline	15.522	138	310387m	22.393	ng/u1	
66) 4,6-Dinitro-2-methylph...	15.575	198	270020	21.137	ng/u1	97
67) N-Nitrosodiphenylamine	15.698	169	1287356	19.848	ng/u1	100
68) 4-Bromophenyl-phenylether	16.375	248	482730	20.869	ng/u1	99
69) Hexachlorobenzene	16.486	284	570560	20.566	ng/u1	97
70) Atrazine	16.663	200	474958	21.139	ng/u1	99
71) Pentachlorophenol	16.845	266	329231	19.323	ng/u1	99
72) Phenanthrene	17.233	178	2429546	19.970	ng/u1	99
74) Anthracene	17.328	178	2447268	20.249	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.216	216	626547	19.020	ng/uL	99
76) Pentachlorobenzene	14.745	250	687698	19.769	ng/uL	99
77) Carbazole	17.604	167	2201366	20.451	ng/u1	100
78) Di-n-butylphthalate	18.151	149	2759069	22.063	ng/u1	100
80) Fluoranthene	19.210	202	2862055	22.450	ng/u1	97
82) Pyrene	19.563	202	2919837	22.112	ng/u1	97
83) Butylbenzylphthalate	20.433	149	1267525	25.747	ng/u1	99
84) 3,3'-Dichlorobenzidine	21.210	252	792927	17.749	ng/u1	100
85) Benzo(a)anthracene	21.274	228	2634739	20.081	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.192	149	1855491	24.649	ng/u1	99
87) Chrysene	21.327	228	2479381	20.214	ng/u1	99
89) Di-n-octyl phthalate	22.110	149	3042991	26.845	ng/u1	100
90) Benzo(b)fluoranthene	22.939	252	2467060	20.501	ng/u1	99
91) Benzo(k)fluoranthene	22.986	252	2432420	21.209	ng/u1	99
93) Benzo(a)pyrene	23.563	252	2101671	19.999	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.139	276	2463139	18.810	ng/u1	98
95) Dibenzo(a,h)anthracene	26.151	278	2231742	19.033	ng/u1	99
96) Benzo(g,h,i)perylene	26.898	276	2181998	18.850	ng/u1	98

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

