

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050522\
 Data File : BP010239.D
 Acq On : 05 May 2022 10:40
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020790

Quant Time: May 06 01:05:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 06 01:05:07 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/10/2022
 Supervised By :mohammad ahmed 05/10/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	190319	20.000	ng/u1	0.00
20) Naphthalene-d8	10.722	136	846525	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.551	164	538901	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.304	188	969142	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.386	240	709761	20.000	ng/u1	# 0.00
88) Perylene-d12	23.827	264	700915	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	33153	7.596	ng/uL	0.00
4) Pyridine-d5	3.769	84	232636	18.947	ng/u1	0.00
7) Phenol-d5	7.081	99	341706	19.739	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.246	67	224505	21.613	ng/u1	0.00
11) 2-Chlorophenol-d4	7.446	132	270491	21.098	ng/u1	0.00
15) 4-Methylphenol-d8	8.628	113	284384	19.828	ng/u1	0.00
21) Nitrobenzene-d5	9.075	128	139665	20.744	ng/u1	0.00
24) 2-Nitrophenol-d4	9.799	143	157449	21.413	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.340	165	293500	20.503	ng/u1	0.00
31) 4-Chloroaniline-d4	10.857	131	365142	17.790	ng/u1	0.00
46) Dimethylphthalate-d6	13.957	166	847610	20.219	ng/u1	0.00
49) Acenaphthylene-d8	14.239	160	1064628	20.984	ng/u1	0.00
54) 4-Nitrophenol-d4	14.745	143	112477m	14.574	ng/u1	0.00
60) Fluorene-d10	15.539	176	700831	19.435	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.663	200	111359	18.172	ng/u1	0.00
73) Anthracene-d10	17.398	188	966667	20.617	ng/u1	0.00
81) Pyrene-d10	19.633	212	929684	23.032	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.668	264	778729	21.192	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.393	88	33387	7.361	ng/uL#	9
5) Pyridine	3.793	79	247160	19.366	ng/u1#	44
6) Benzaldehyde	7.052	77	213847	23.116	ng/u1	94
8) Phenol	7.105	94	348039	20.009	ng/u1#	92
10) Bis(2-Chloroethyl)ether	7.334	93	284353	21.219	ng/u1#	76
12) 2-Chlorophenol	7.481	128	271457	20.991	ng/u1	96
13) 2-Methylphenol	8.357	108	267635	20.062	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.446	45	456666	22.965	ng/u1#	83
16) Acetophenone	8.740	105	459135	20.518	ng/u1#	78
17) N-Nitroso-di-n-propyla...	8.728	70	243353	20.756	ng/u1#	73
18) 4-Methylphenol	8.687	108	293730	19.998	ng/u1	91
19) Hexachloroethane	8.999	117	116344	21.411	ng/u1#	80
22) Nitrobenzene	9.116	77	351382	21.301	ng/u1#	82
23) Isophorone	9.646	82	663358	20.360	ng/u1#	97
25) 2-Nitrophenol	9.834	139	163456	20.989	ng/u1#	85
26) 2,4-Dimethylphenol	9.893	107	342236	20.298	ng/u1#	77
27) Bis(2-Chloroethoxy)met...	10.128	93	407951	21.362	ng/u1#	97
29) 2,4-Dichlorophenol	10.369	162	281246	20.439	ng/u1#	84
30) Naphthalene	10.769	128	935427	21.113	ng/u1	97
32) 4-Chloroaniline	10.881	127	359769	17.788	ng/u1	97
33) Hexachlorobutadiene	11.063	225	207526	21.280	ng/u1	94
34) Caprolactam	11.651	113	79638m	16.089	ng/u1	
35) 4-Chloro-3-methylphenol	12.004	107	310350	18.670	ng/u1#	69
36) 2-Methylnaphthalene	12.375	142	649112	20.201	ng/u1	92

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37) 1-Methylnaphthalene	12.598	142	652930	20.012	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.745	216	373540	22.436	ng/ul	94
40) Hexachlorocyclopentadiene	12.728	237	192913	20.560	ng/ul	98
41) 2,4,6-Trichlorophenol	12.987	196	231928	21.530	ng/ul#	82
42) 2,4,5-Trichlorophenol	13.057	196	250646m	21.385	ng/ul	
43) 1,1'-Biphenyl	13.387	154	881814	22.186	ng/ul#	93
44) 2-Chloronaphthalene	13.428	162	674748	21.937	ng/ul	94
45) 2-Nitroaniline	13.628	65	197729	19.825	ng/ul#	77
47) Dimethylphthalate	14.004	163	819374	20.112	ng/ul#	93
48) 2,6-Dinitrotoluene	14.122	165	166091	19.865	ng/ul	93
50) Acenaphthylene	14.269	152	1060799	21.108	ng/ul	96
51) 3-Nitroaniline	14.451	138	101928m	13.458	ng/ul	
52) Acenaphthene	14.610	153	686411	21.005	ng/ul	96
53) 2,4-Dinitrophenol	14.657	184	60041	12.851	ng/ul#	79
55) 4-Nitrophenol	14.757	109	95059	14.177	ng/ul#	41
56) Dibenzofuran	14.945	168	973154	20.111	ng/ul	99
57) 2,4-Dinitrotoluene	14.910	165	220052	18.016	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	15.175	232	192400	18.467	ng/ul#	88
59) Diethylphthalate	15.369	149	801763	19.348	ng/ul	93
61) Fluorene	15.598	166	775320	19.515	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.592	204	413599	19.781	ng/ul	99
63) 4-Nitroaniline	15.616	138	88865m	12.058	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.675	198	106779	18.060	ng/ul#	90
67) N-Nitrosodiphenylamine	15.804	169	658618	23.685	ng/ul	94
68) 4-Bromophenyl-phenylether	16.486	248	238007	23.024	ng/ul	95
69) Hexachlorobenzene	16.610	284	260313	21.695	ng/ul#	89
70) Atrazine	16.757	200	226248	20.013	ng/ul#	89
71) Pentachlorophenol	16.951	266	133714	17.499	ng/ul#	83
72) Phenanthrene	17.345	178	1084464	20.588	ng/ul	99
74) Anthracene	17.433	178	1091479	20.572	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.351	216	385836	27.271	ng/uL#	86
76) Pentachlorobenzene	14.875	250	345289	24.887	ng/uL	92
77) Carbazole	17.704	167	858408	18.284	ng/ul#	96
78) Di-n-butylphthalate	18.257	149	1142956	19.787	ng/ul#	92
80) Fluoranthene	19.310	202	1076213	23.638	ng/ul#	96
82) Pyrene	19.657	202	1086912	23.172	ng/ul	97
83) Butylbenzylphthalate	20.527	149	411053	21.200	ng/ul#	81
84) 3,3'-Dichlorobenzidine	21.298	252	214186	16.771	ng/ul#	95
85) Benzo(a)anthracene	21.369	228	946826	21.020	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.292	149	587313	20.438	ng/ul#	82
87) Chrysene	21.421	228	936774	21.121	ng/ul	99
89) Di-n-octyl phthalate	22.227	149	939870	17.249	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	968579	20.555	ng/ul	99
91) Benzo(k)fluoranthene	23.127	252	924340	20.709	ng/ul#	98
93) Benzo(a)pyrene	23.715	252	922828	21.178	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.374	276	1059008	24.431	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.392	278	898937	24.236	ng/ul#	95
96) Benzo(g,h,i)perylene	27.156	276	915279	25.024	ng/ul#	92

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

