

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062022\
 Data File : BP010772.D
 Acq On : 20 Jun 2022 21:21
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020677

Quant Time: Jun 21 00:47:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 20 16:18:42 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2022
 Supervised By :mohammad ahmed 06/27/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	142685	20.000	ng/ul	0.00
20) Naphthalene-d8	10.610	136	549624	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.457	164	343443	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	700373	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	718666	20.000	ng/ul	0.00
88) Perylene-d12	23.692	264	776701	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	26176	7.885	ng/uL	0.00
4) Pyridine-d5	3.693	84	164310	19.030	ng/ul	0.00
7) Phenol-d5	6.993	99	203355	19.642	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.152	67	123574	19.603	ng/ul	0.00
11) 2-Chlorophenol-d4	7.352	132	178787	20.289	ng/ul	0.00
15) 4-Methylphenol-d8	8.534	113	167274	19.996	ng/ul	0.00
21) Nitrobenzene-d5	8.975	128	84605	20.732	ng/ul	0.00
24) 2-Nitrophenol-d4	9.699	143	92103	21.066	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.246	165	168685	20.823	ng/ul	0.00
31) 4-Chloroaniline-d4	10.757	131	226657	19.864	ng/ul	0.00
46) Dimethylphthalate-d6	13.869	166	478294	20.284	ng/ul	0.00
49) Acenaphthylene-d8	14.145	160	591040	20.698	ng/ul	0.00
54) 4-Nitrophenol-d4	14.681	143	61076m	17.535	ng/ul	0.00
60) Fluorene-d10	15.451	176	428439	20.441	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.586	200	74240	17.767	ng/ul	0.00
73) Anthracene-d10	17.310	188	635804	20.018	ng/ul	0.00
81) Pyrene-d10	19.551	212	732683	20.508	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.539	264	785522	20.311	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	26526	7.706	ng/uL#	79
5) Pyridine	3.711	79	171680	19.225	ng/ul#	71
6) Benzaldehyde	6.963	77	114295m	24.023	ng/ul	
8) Phenol	7.022	94	216083	19.504	ng/ul#	87
10) Bis(2-Chloroethyl)ether	7.240	93	174194	19.905	ng/ul#	83
12) 2-Chlorophenol	7.381	128	185782	20.398	ng/ul#	87
13) 2-Methylphenol	8.269	108	160786	19.581	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.352	45	203856	19.829	ng/ul#	91
16) Acetophenone	8.646	105	260985	20.134	ng/ul#	89
17) N-Nitroso-di-n-propyla...	8.628	70	126688	20.875	ng/ul#	86
18) 4-Methylphenol	8.599	108	174515	19.889	ng/ul	93
19) Hexachloroethane	8.887	117	76028	20.562	ng/ul	94
22) Nitrobenzene	9.016	77	189351	20.157	ng/ul#	90
23) Isophorone	9.552	82	339274	20.382	ng/ul	96
25) 2-Nitrophenol	9.734	139	101687	21.147	ng/ul#	78
26) 2,4-Dimethylphenol	9.799	107	193550	20.241	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.028	93	220140	20.469	ng/ul#	97
29) 2,4-Dichlorophenol	10.269	162	169953	20.459	ng/ul	94
30) Naphthalene	10.663	128	584815	20.364	ng/ul	99
32) 4-Chloroaniline	10.781	127	226468	19.694	ng/ul	99
33) Hexachlorobutadiene	10.951	225	131483	21.133	ng/ul	96
34) Caprolactam	11.575	113	45505m	19.100	ng/ul	
35) 4-Chloro-3-methylphenol	11.916	107	163989	20.756	ng/ul	93
36) 2-Methylnaphthalene	12.275	142	389222	20.602	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.493	142	393855	20.638	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.651	216	231037	20.462	ng/ul#	96
40) Hexachlorocyclopentadiene	12.622	237	87430	16.754	ng/ul	96
41) 2,4,6-Trichlorophenol	12.898	196	131737	20.315	ng/ul	98
42) 2,4,5-Trichlorophenol	12.975	196	141945	20.935	ng/ul	97
43) 1,1'-Biphenyl	13.287	154	525413	20.226	ng/ul	98
44) 2-Chloronaphthalene	13.328	162	410396	20.370	ng/ul	99
45) 2-Nitroaniline	13.545	65	91049m	20.721	ng/ul	
47) Dimethylphthalate	13.916	163	477158	20.264	ng/ul	99
48) 2,6-Dinitrotoluene	14.040	165	93762	21.034	ng/ul#	83
50) Acenaphthylene	14.175	152	635296	20.277	ng/ul	98
51) 3-Nitroaniline	14.375	138	82931	19.241	ng/ul#	84
52) Acenaphthene	14.522	153	416772	20.097	ng/ul	99
53) 2,4-Dinitrophenol	14.592	184	40695	15.987	ng/ul#	77
55) 4-Nitrophenol	14.698	109	46185	18.001	ng/ul#	79
56) Dibenzofuran	14.857	168	604824	20.384	ng/ul	90
57) 2,4-Dinitrotoluene	14.834	165	133964	20.883	ng/ul#	75
58) 2,3,4,6-Tetrachlorophenol	15.092	232	119223	21.032	ng/ul	92
59) Diethylphthalate	15.281	149	454681	20.367	ng/ul	98
61) Fluorene	15.504	166	491491	20.545	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.498	204	259374	20.689	ng/ul	95
63) 4-Nitroaniline	15.539	138	81277m	20.348	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.598	198	76586	18.471	ng/ul#	89
67) N-Nitrosodiphenylamine	15.716	169	407982	20.179	ng/ul	99
68) 4-Bromophenyl-phenylether	16.398	248	156218	20.258	ng/ul	90
69) Hexachlorobenzene	16.516	284	188049	20.154	ng/ul	93
70) Atrazine	16.675	200	144418	19.217	ng/ul	99
71) Pentachlorophenol	16.875	266	85844	17.906	ng/ul	98
72) Phenanthrene	17.251	178	738148	19.815	ng/ul	99
74) Anthracene	17.345	178	764857	20.379	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.257	216	239219	19.327	ng/uL	97
76) Pentachlorobenzene	14.781	250	228265	20.344	ng/uL	98
77) Carbazole	17.622	167	635886	19.288	ng/ul	98
78) Di-n-butylphthalate	18.169	149	708281	20.042	ng/ul	99
80) Fluoranthene	19.227	202	859289	20.381	ng/ul	98
82) Pyrene	19.580	202	895571	20.444	ng/ul	97
83) Butylbenzylphthalate	20.451	149	306858	20.016	ng/ul	90
84) 3,3'-Dichlorobenzidine	21.221	252	302176	20.496	ng/ul	99
85) Benzo(a)anthracene	21.286	228	875743	20.107	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.216	149	449268	19.621	ng/ul	99
87) Chrysene	21.339	228	874852	20.277	ng/ul	99
89) Di-n-octyl phthalate	22.127	149	761486	18.231	ng/ul	100
90) Benzo(b)fluoranthene	22.963	252	952866	19.710	ng/ul	98
91) Benzo(k)fluoranthene	23.015	252	938944	20.742	ng/ul	100
93) Benzo(a)pyrene	23.586	252	958044	20.222	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.180	276	1170751	20.243	ng/ul	97
95) Dibenzo(a,h)anthracene	26.192	278	1001586	20.262	ng/ul	98
96) Benzo(g,h,i)perylene	26.945	276	1012393	20.255	ng/ul	98

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

