

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052522\
 Data File : BP010564.D
 Acq On : 26 May 2022 08:12
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020672

Quant Time: May 26 09:02:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 24 05:50:40 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/26/2022
 Supervised By :mohammad ahmed 05/27/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	157911	20.000	ng/ul	0.00
20) Naphthalene-d8	10.681	136	695978	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.510	164	483267	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.263	188	1084352	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.351	240	1065967	20.000	ng/ul	# 0.00
88) Perylene-d12	23.768	264	915761	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	26997	7.287	ng/uL	0.00
4) Pyridine-d5	3.752	84	179008	17.018	ng/ul	0.00
7) Phenol-d5	7.046	99	235456	17.765	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	166088	18.651	ng/ul	0.00
11) 2-Chlorophenol-d4	7.410	132	189203	18.656	ng/ul	-0.01
15) 4-Methylphenol-d8	8.593	113	202774	18.003	ng/ul	0.00
21) Nitrobenzene-d5	9.040	128	102407	19.012	ng/ul	0.00
24) 2-Nitrophenol-d4	9.763	143	108113	18.940	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.304	165	200417	18.568	ng/ul	0.00
31) 4-Chloroaniline-d4	10.816	131	288229	17.960	ng/ul	-0.01
46) Dimethylphthalate-d6	13.922	166	668918	18.787	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	772923	18.820	ng/ul	0.00
54) 4-Nitrophenol-d4	14.710	143	106048	16.733	ng/ul	-0.01
60) Fluorene-d10	15.504	176	580900	18.753	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.634	200	107102	16.889	ng/ul	0.00
73) Anthracene-d10	17.363	188	917139	18.679	ng/ul	0.00
81) Pyrene-d10	19.598	212	1105362	19.526	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.610	264	878196	19.098	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.369	88	27312	7.117	ng/uL#	1
5) Pyridine	3.769	79	192117	17.574	ng/ul#	25
6) Benzaldehyde	7.022	77	145930	20.828	ng/ul	95
8) Phenol	7.075	94	257693	18.022	ng/ul#	92
10) Bis(2-Chloroethyl)ether	7.305	93	209454	18.631	ng/ul#	72
12) 2-Chlorophenol	7.446	128	194618	18.382	ng/ul	97
13) 2-Methylphenol	8.328	108	193813	18.157	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.416	45	357339	19.503	ng/ul#	82
16) Acetophenone	8.704	105	328189	18.545	ng/ul#	76
17) N-Nitroso-di-n-propyla...	8.687	70	184415	19.471	ng/ul#	68
18) 4-Methylphenol	8.652	108	211573	17.934	ng/ul	93
19) Hexachloroethane	8.957	117	84167	18.279	ng/ul#	82
22) Nitrobenzene	9.081	77	267533	18.900	ng/ul#	80
23) Isophorone	9.610	82	502973	19.224	ng/ul#	97
25) 2-Nitrophenol	9.793	139	118073	18.838	ng/ul#	87
26) 2,4-Dimethylphenol	9.857	107	255435m	18.782	ng/ul	
27) Bis(2-Chloroethoxy)met...	10.093	93	291193	18.692	ng/ul#	97
29) 2,4-Dichlorophenol	10.328	162	202457	18.346	ng/ul#	83
30) Naphthalene	10.728	128	680713	18.726	ng/ul	98
32) 4-Chloroaniline	10.840	127	285651	17.935	ng/ul	97
33) Hexachlorobutadiene	11.022	225	143691	18.375	ng/ul	96
34) Caprolactam	11.616	113	70338	18.264	ng/ul#	1
35) 4-Chloro-3-methylphenol	11.969	107	243854	18.889	ng/ul#	75
36) 2-Methylnaphthalene	12.340	142	480597	18.675	ng/ul	91

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37) 1-Methylnaphthalene	12.557	142	482795	18.580	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.710	216	272594	18.484	ng/ul	94
40) Hexachlorocyclopentadiene	12.693	237	159198	19.856	ng/ul	96
41) 2,4,6-Trichlorophenol	12.951	196	173250	18.846	ng/ul#	86
42) 2,4,5-Trichlorophenol	13.022	196	186431	18.163	ng/ul#	86
43) 1,1'-Biphenyl	13.345	154	664281	18.727	ng/ul#	93
44) 2-Chloronaphthalene	13.387	162	513114	18.729	ng/ul	94
45) 2-Nitroaniline	13.592	65	181589	20.139	ng/ul#	75
47) Dimethylphthalate	13.969	163	665664	18.847	ng/ul#	92
48) 2,6-Dinitrotoluene	14.087	165	140107	19.460	ng/ul	99
50) Acenaphthylene	14.234	152	836253	18.822	ng/ul	94
51) 3-Nitroaniline	14.416	138	125780	18.614	ng/ul#	82
52) Acenaphthene	14.575	153	544366	18.782	ng/ul	99
53) 2,4-Dinitrophenol	14.634	184	82931	20.632	ng/ul#	78
55) 4-Nitrophenol	14.728	109	97104	17.232	ng/ul#	44
56) Dibenzofuran	14.910	168	798224	18.792	ng/ul	98
57) 2,4-Dinitrotoluene	14.881	165	204148	19.697	ng/ul#	77
58) 2,3,4,6-Tetrachlorophenol	15.139	232	163356	18.508	ng/ul#	85
59) Diethylphthalate	15.334	149	689854	19.142	ng/ul	94
61) Fluorene	15.563	166	659901	18.998	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.557	204	337157	18.659	ng/ul	97
63) 4-Nitroaniline	15.581	138	123684m	18.538	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.645	198	106931	16.908	ng/ul#	86
67) N-Nitrosodiphenylamine	15.769	169	560502	18.432	ng/ul	96
68) 4-Bromophenyl-phenylether	16.451	248	202150	18.102	ng/ul	97
69) Hexachlorobenzene	16.575	284	234995	18.294	ng/ul#	90
70) Atrazine	16.728	200	222075m	18.229	ng/ul	
71) Pentachlorophenol	16.916	266	137724m	17.087	ng/ul	
72) Phenanthrene	17.310	178	1065617	18.414	ng/ul	99
74) Anthracene	17.398	178	1072982	18.482	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.316	216	288601	17.513	ng/uL	90
76) Pentachlorobenzene	14.834	250	271432	18.154	ng/uL	90
77) Carbazole	17.669	167	948336	18.587	ng/ul#	96
78) Di-n-butylphthalate	18.222	149	1192331	19.188	ng/ul#	93
80) Fluoranthene	19.275	202	1296969	19.715	ng/ul	96
82) Pyrene	19.622	202	1338238	19.493	ng/ul	96
83) Butylbenzylphthalate	20.492	149	561045	20.437	ng/ul#	84
84) 3,3'-Dichlorobenzidine	21.263	252	389581	18.184	ng/ul#	98
85) Benzo(a)anthracene	21.333	228	1262161	18.935	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.257	149	829141	20.582	ng/ul#	82
87) Chrysene	21.386	228	1232992	18.805	ng/ul	99
89) Di-n-octyl phthalate	22.186	149	1402609	20.417	ng/ul	100
90) Benzo(b)fluoranthene	23.027	252	1176757	19.279	ng/ul	99
91) Benzo(k)fluoranthene	23.080	252	1121108	19.325	ng/ul#	98
93) Benzo(a)pyrene	23.657	252	1095102	19.310	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.286	276	1008303	18.899	ng/ul#	91
95) Dibenzo(a,h)anthracene	26.298	278	876496	18.934	ng/ul#	94
96) Benzo(g,h,i)perylene	27.051	276	854759	19.187	ng/ul#	93

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

