

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080122\
 Data File : BP011210.D
 Acq On : 01 Aug 2022 21:38
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020723

Quant Time: Aug 02 00:48:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 28 16:05:22 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/02/2022
 Supervised By :mohammad ahmed 08/03/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	277130	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1140621	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.316	164	541680	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.086	188	981292	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.210	240	979590	20.000	ng/u1	# 0.00
88) Perylene-d12	23.557	264	1045094	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	34038m	5.625	ng/uL	0.00
4) Pyridine-d5	3.558	84	238331	13.921	ng/u1	0.00
7) Phenol-d5	6.828	99	492141	20.346	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	364517	21.311	ng/u1	0.00
11) 2-Chlorophenol-d4	7.181	132	416658	21.858	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	389500	19.684	ng/u1	0.00
21) Nitrobenzene-d5	8.810	128	194941	21.991	ng/u1	0.00
24) 2-Nitrophenol-d4	9.528	143	190875	22.479	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	319872	21.376	ng/u1	0.00
31) 4-Chloroaniline-d4	10.593	131	482054	19.872	ng/u1	0.00
46) Dimethylphthalate-d6	13.734	166	816731	22.130	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	1040664	22.439	ng/u1	0.00
54) 4-Nitrophenol-d4	14.545	143	131913	19.871	ng/u1	0.01
60) Fluorene-d10	15.316	176	663406	21.392	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	90084	18.211	ng/u1	0.00
73) Anthracene-d10	17.186	188	955268	22.093	ng/u1	0.00
81) Pyrene-d10	19.445	212	1102631	20.948	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.404	264	1135891	21.882	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.181	88	34862	5.566	ng/uL#	79
5) Pyridine	3.581	79	243199	13.771	ng/u1#	69
6) Benzaldehyde	6.799	77	235247	20.162	ng/u1	96
8) Phenol	6.858	94	526446	20.286	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.087	93	446581	21.224	ng/u1	94
12) 2-Chlorophenol	7.210	128	428652	21.629	ng/u1	99
13) 2-Methylphenol	8.105	108	393081	20.436	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.187	45	751052	21.311	ng/u1	98
16) Acetophenone	8.475	105	639865	20.789	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.463	70	335239	20.604	ng/u1	98
18) 4-Methylphenol	8.434	108	411605	19.870	ng/u1	100
19) Hexachloroethane	8.716	117	191365	21.496	ng/u1#	73
22) Nitrobenzene	8.852	77	510679	22.407	ng/u1	98
23) Isophorone	9.381	82	911418	22.102	ng/u1	97
25) 2-Nitrophenol	9.563	139	211247	22.140	ng/u1	91
26) 2,4-Dimethylphenol	9.634	107	446475	21.783	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.869	93	561591	21.676	ng/u1	98
29) 2,4-Dichlorophenol	10.093	162	326551	21.100	ng/u1	97
30) Naphthalene	10.493	128	1305339	21.752	ng/u1	99
32) 4-Chloroaniline	10.616	127	485835	20.155	ng/u1	99
33) Hexachlorobutadiene	10.769	225	211987	22.428	ng/u1	95
34) Caprolactam	11.410	113	97258	18.896	ng/u1	87
35) 4-Chloro-3-methylphenol	11.751	107	353860	20.392	ng/u1	99
36) 2-Methylnaphthalene	12.116	142	790664	20.821	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.334	142	793994	20.871	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.487	216	336526	22.330	ng/ul#	97
40) Hexachlorocyclopentadiene	12.457	237	182975	18.416	ng/ul	94
41) 2,4,6-Trichlorophenol	12.740	196	209852	22.175	ng/ul	99
42) 2,4,5-Trichlorophenol	12.810	196	221352	22.095	ng/ul	99
43) 1,1'-Biphenyl	13.140	154	965267	22.303	ng/ul#	97
44) 2-Chloronaphthalene	13.181	162	717383	22.171	ng/ul	95
45) 2-Nitroaniline	13.398	65	200049	21.273	ng/ul	99
47) Dimethylphthalate	13.781	163	818165	22.013	ng/ul	98
48) 2,6-Dinitrotoluene	13.904	165	138766	21.367	ng/ul	90
50) Acenaphthylene	14.034	152	1159927	22.388	ng/ul	99
51) 3-Nitroaniline	14.234	138	113001	16.111	ng/ul	96
52) Acenaphthene	14.381	153	743200	21.961	ng/ul	97
53) 2,4-Dinitrophenol	14.451	184	78398	21.405	ng/ul	98
55) 4-Nitrophenol	14.557	109	118557	20.785	ng/ul#	79
56) Dibenzofuran	14.716	168	985551	21.425	ng/ul	99
57) 2,4-Dinitrotoluene	14.698	165	203776	22.489	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.951	232	159537	21.901	ng/ul#	81
59) Diethylphthalate	15.157	149	841621	22.656	ng/ul	97
61) Fluorene	15.375	166	782020	21.863	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.375	204	347977	21.375	ng/ul	90
63) 4-Nitroaniline	15.410	138	93549m	15.688	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.469	198	95432	18.996	ng/ul#	93
67) N-Nitrosodiphenylamine	15.592	169	637562	21.142	ng/ul	98
68) 4-Bromophenyl-phenylether	16.275	248	191717	20.360	ng/ul#	90
69) Hexachlorobenzene	16.381	284	222753	20.679	ng/ul#	87
70) Atrazine	16.563	200	198683	20.951	ng/ul	95
71) Pentachlorophenol	16.733	266	127301	20.584	ng/ul	96
72) Phenanthrene	17.128	178	1159942	21.599	ng/ul	99
74) Anthracene	17.222	178	1168964	22.002	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.098	216	341186	20.168	ng/uL	98
76) Pentachlorobenzene	14.634	250	285905	20.506	ng/uL	98
77) Carbazole	17.498	167	1076455	22.869	ng/ul	99
78) Di-n-butylphthalate	18.069	149	1374919	24.426	ng/ul	100
80) Fluoranthene	19.116	202	1336441	20.554	ng/ul#	85
82) Pyrene	19.475	202	1375914	20.592	ng/ul#	84
83) Butylbenzylphthalate	20.369	149	655743	24.509	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.139	252	351053	20.546	ng/ul#	99
85) Benzo(a)anthracene	21.198	228	1339785	22.001	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.133	149	1022378	25.283	ng/ul#	95
87) Chrysene	21.251	228	1301303	21.496	ng/ul	99
89) Di-n-octyl phthalate	22.039	149	1822932	25.379	ng/ul	100
90) Benzo(b)fluoranthene	22.845	252	1401624	21.274	ng/ul#	96
91) Benzo(k)fluoranthene	22.886	252	1348629	21.568	ng/ul#	94
93) Benzo(a)pyrene	23.451	252	1388456	21.605	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	25.986	276	1616296	20.415	ng/ul#	87
95) Dibenzo(a,h)anthracene	26.004	278	1375926	20.262	ng/ul#	92
96) Benzo(g,h,i)perylene	26.727	276	1378514	20.132	ng/ul#	86

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

