

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072122\
 Data File : BP011059.D
 Acq On : 21 Jul 2022 13:17
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020709

Quant Time: Jul 21 23:23:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071422.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 19 03:25:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/22/2022
 Supervised By :mohammad ahmed 07/22/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	356785	20.000	ng/u1	0.00
20) Naphthalene-d8	10.463	136	1440341	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.333	164	779302	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.104	188	1516017	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.227	240	1420988	20.000	ng/u1	# 0.00
88) Perylene-d12	23.580	264	1460182	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	90376	9.132	ng/uL	0.00
4) Pyridine-d5	3.587	84	567732	22.194	ng/u1	0.00
7) Phenol-d5	6.852	99	609234	20.802	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.016	67	429583	22.811	ng/u1	0.00
11) 2-Chlorophenol-d4	7.204	132	520166	21.980	ng/u1	0.00
15) 4-Methylphenol-d8	8.393	113	491087	20.945	ng/u1	0.00
21) Nitrobenzene-d5	8.834	128	239113m	22.780	ng/u1	0.00
24) 2-Nitrophenol-d4	9.551	143	223937	21.561	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	410460	21.610	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.610	131	678312	21.662	ng/u1	0.00
46) Dimethylphthalate-d6	13.757	166	1192968	22.398	ng/u1	0.00
49) Acenaphthylene-d8	14.028	160	1456167	23.171	ng/u1	0.00
54) 4-Nitrophenol-d4	14.551	143	201110	18.656	ng/u1	0.00
60) Fluorene-d10	15.333	176	1016824	22.460	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	140290	18.701	ng/u1	0.00
73) Anthracene-d10	17.204	188	1481415	22.986	ng/u1	0.00
81) Pyrene-d10	19.457	212	1655807	22.187	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.427	264	1574367	22.449	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	92551	8.913	ng/uL#	87
5) Pyridine	3.605	79	587389	22.282	ng/u1#	77
6) Benzaldehyde	6.822	77	351350	24.698	ng/u1	98
8) Phenol	6.875	94	663240	21.305	ng/u1#	87
10) Bis(2-Chloroethyl)ether	7.110	93	546950	22.137	ng/u1	92
12) 2-Chlorophenol	7.240	128	547586	22.385	ng/u1	93
13) 2-Methylphenol	8.122	108	483468	21.000	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.210	45	791555	23.424	ng/u1	98
16) Acetophenone	8.498	105	770923	21.720	ng/u1#	91
17) N-Nitroso-di-n-propyla...	8.487	70	395699	22.219	ng/u1	93
18) 4-Methylphenol	8.451	108	517861	21.068	ng/u1	98
19) Hexachloroethane	8.746	117	227758	23.527	ng/u1#	79
22) Nitrobenzene	8.875	77	577315	23.388	ng/u1	94
23) Isophorone	9.404	82	1033410	22.369	ng/u1	98
25) 2-Nitrophenol	9.587	139	257038	22.047	ng/u1#	81
26) 2,4-Dimethylphenol	9.651	107	562607	22.820	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.893	93	684781	22.398	ng/u1	98
29) 2,4-Dichlorophenol	10.116	162	432967	22.023	ng/u1	98
30) Naphthalene	10.516	128	1662976	22.657	ng/u1	100
32) 4-Chloroaniline	10.640	127	678354	21.901	ng/u1	99
33) Hexachlorobutadiene	10.798	225	264808	23.140	ng/u1	96
34) Caprolactam	11.428	113	153264	22.244	ng/u1	93
35) 4-Chloro-3-methylphenol	11.775	107	466100	20.978	ng/u1	93
36) 2-Methylnaphthalene	12.139	142	1050488	22.077	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.357	142	1061968	22.266	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.510	216	473314	23.028	ng/ul	99
40) Hexachlorocyclopentadiene	12.487	237	289712	22.758	ng/ul	94
41) 2,4,6-Trichlorophenol	12.757	196	290920	21.493	ng/ul	96
42) 2,4,5-Trichlorophenol	12.828	196	319320	22.074	ng/ul	97
43) 1,1'-Biphenyl	13.163	154	1336433	22.984	ng/ul#	98
44) 2-Chloronaphthalene	13.204	162	1013748	23.211	ng/ul	98
45) 2-Nitroaniline	13.416	65	283275	22.262	ng/ul	87
47) Dimethylphthalate	13.804	163	1196359	22.260	ng/ul	99
48) 2,6-Dinitrotoluene	13.922	165	219730	22.582	ng/ul	100
50) Acenaphthylene	14.057	152	1638359	23.234	ng/ul	99
51) 3-Nitroaniline	14.251	138	145889	12.480	ng/ul	99
52) Acenaphthene	14.398	153	1069171	22.888	ng/ul	99
53) 2,4-Dinitrophenol	14.457	184	113467	19.932	ng/ul	90
55) 4-Nitrophenol	14.563	109	194392	23.554	ng/ul#	76
56) Dibenzofuran	14.739	168	1472597	22.846	ng/ul	98
57) 2,4-Dinitrotoluene	14.710	165	317383	22.868	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	14.969	232	238169	21.024	ng/ul#	87
59) Diethylphthalate	15.181	149	1226936	22.230	ng/ul	98
61) Fluorene	15.392	166	1158752	22.400	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.392	204	534028	22.424	ng/ul	94
63) 4-Nitroaniline	15.422	138	137551	12.803	ng/ul#	82
66) 4,6-Dinitro-2-methylph...	15.475	198	148020	19.234	ng/ul	97
67) N-Nitrosodiphenylamine	15.610	169	983047	22.700	ng/ul	99
68) 4-Bromophenyl-phenylether	16.292	248	309854	22.662	ng/ul	94
69) Hexachlorobenzene	16.398	284	353857	22.299	ng/ul#	92
70) Atrazine	16.580	200	322538	21.530	ng/ul	98
71) Pentachlorophenol	16.751	266	213087	21.803	ng/ul	95
72) Phenanthrene	17.145	178	1797482	22.758	ng/ul	99
74) Anthracene	17.239	178	1822141	23.192	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.122	216	489732	22.565	ng/uL	97
76) Pentachlorobenzene	14.651	250	438761	23.063	ng/uL	99
77) Carbazole	17.516	167	1653671	22.489	ng/ul	99
78) Di-n-butylphthalate	18.086	149	2019179	21.967	ng/ul	99
80) Fluoranthene	19.133	202	2006698	22.990	ng/ul#	86
82) Pyrene	19.486	202	2073165	23.021	ng/ul#	81
83) Butylbenzylphthalate	20.386	149	864001	21.506	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.151	252	476035	18.919	ng/ul#	98
85) Benzo(a)anthracene	21.210	228	1951037	22.545	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.151	149	1305114	21.773	ng/ul#	95
87) Chrysene	21.263	228	1889803	22.240	ng/ul	100
89) Di-n-octyl phthalate	22.062	149	2161073	22.068	ng/ul	100
90) Benzo(b)fluoranthene	22.862	252	2030985	22.526	ng/ul#	95
91) Benzo(k)fluoranthene	22.910	252	1907260	22.521	ng/ul#	94
93) Benzo(a)pyrene	23.474	252	1965095	22.695	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.009	276	2304855	22.906	ng/ul#	89
95) Dibenzo(a,h)anthracene	26.033	278	2001334	22.985	ng/ul#	91
96) Benzo(g,h,i)perylene	26.762	276	1985055	23.162	ng/ul#	88

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

