

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072122\
 Data File : BP011073.D
 Acq On : 21 Jul 2022 21:22
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020710

Quant Time: Jul 21 23:26:09 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	7.669	152	430445	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.463	136	1632896	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.334	164	817944	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.098	188	1468009	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.221	240	1396660	20.000	ng/u1	# 0.00
88) Perylene-d12	23.568	264	1551550	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	108346	9.074	ng/uL	0.00
4) Pyridine-d5	3.587	84	667347	21.624	ng/u1	0.00
7) Phenol-d5	6.852	99	732892	20.742	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.016	67	498067	21.921	ng/u1	0.00
11) 2-Chlorophenol-d4	7.205	132	632614	22.158	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	565318	19.985	ng/u1	-0.01
21) Nitrobenzene-d5	8.834	128	283115	23.792	ng/u1	0.00
24) 2-Nitrophenol-d4	9.551	143	272231	23.120	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	474718	22.045	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.610	131	715333	20.150	ng/u1	0.00
46) Dimethylphthalate-d6	13.751	166	1228237	21.971	ng/u1	-0.01
49) Acenaphthylene-d8	14.022	160	1548151	23.471	ng/u1	0.00
54) 4-Nitrophenol-d4	14.551	143	204402	18.066	ng/u1	0.00
60) Fluorene-d10	15.334	176	1024728	21.565	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	140747	19.376	ng/u1	0.00
73) Anthracene-d10	17.198	188	1445959	23.169	ng/u1	0.00
81) Pyrene-d10	19.457	212	1582158	21.569	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.415	264	1719165	23.070	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	114644	9.151	ng/uL#	82
5) Pyridine	3.605	79	688030	21.633	ng/u1#	75
6) Benzaldehyde	6.822	77	364152	21.218	ng/u1	98
8) Phenol	6.875	94	778753	20.735	ng/u1#	86
10) Bis(2-Chloroethyl)ether	7.105	93	645208	21.646	ng/u1	91
12) 2-Chlorophenol	7.234	128	654699	22.184	ng/u1	94
13) 2-Methylphenol	8.122	108	567468	20.431	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.210	45	890059m	21.832	ng/u1	
16) Acetophenone	8.499	105	878015	20.504	ng/u1#	90
17) N-Nitroso-di-n-propyla...	8.487	70	446110	20.763	ng/u1	93
18) 4-Methylphenol	8.452	108	592890	19.993	ng/u1	97
19) Hexachloroethane	8.740	117	275717	23.608	ng/u1#	77
22) Nitrobenzene	8.875	77	663754	23.719	ng/u1	93
23) Isophorone	9.404	82	1161560	22.178	ng/u1	98
25) 2-Nitrophenol	9.581	139	307135	23.238	ng/u1#	84
26) 2,4-Dimethylphenol	9.651	107	628145	22.474	ng/u1	95
27) Bis(2-Chloroethoxy)met...	9.893	93	765630	22.089	ng/u1	99
29) 2,4-Dichlorophenol	10.116	162	487441	21.870	ng/u1	99
30) Naphthalene	10.516	128	1881810	22.615	ng/u1	100
32) 4-Chloroaniline	10.634	127	715198	20.368	ng/u1	99
33) Hexachlorobutadiene	10.798	225	309279	23.839	ng/u1	95
34) Caprolactam	11.428	113	163595	20.944	ng/u1	89
35) 4-Chloro-3-methylphenol	11.769	107	510476	20.266	ng/u1	97
36) 2-Methylnaphthalene	12.134	142	1160766	21.518	ng/u1	98

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37) 1-Methylnaphthalene	12.357	142	1161400	21.479	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	12.504	216	517289	23.979	ng/ul#	98
40) Hexachlorocyclopentadiene	12.481	237	331426	24.804	ng/ul	95
41) 2,4,6-Trichlorophenol	12.757	196	319994	22.524	ng/ul	99
42) 2,4,5-Trichlorophenol	12.828	196	340108	22.401	ng/ul	100
43) 1,1'-Biphenyl	13.163	154	1430371	23.437	ng/ul#	96
44) 2-Chloronaphthalene	13.198	162	1074457	23.439	ng/ul	97
45) 2-Nitroaniline	13.416	65	302491m	22.649	ng/ul	
47) Dimethylphthalate	13.798	163	1234996	21.894	ng/ul	98
48) 2,6-Dinitrotoluene	13.916	165	233253	22.840	ng/ul	97
50) Acenaphthylene	14.051	152	1717289	23.203	ng/ul	98
51) 3-Nitroaniline	14.251	138	160595	13.089	ng/ul	94
52) Acenaphthene	14.398	153	1109940	22.638	ng/ul	98
53) 2,4-Dinitrophenol	14.457	184	122789	20.551	ng/ul#	85
55) 4-Nitrophenol	14.563	109	191065	22.057	ng/ul#	77
56) Dibenzofuran	14.734	168	1511770	22.345	ng/ul	99
57) 2,4-Dinitrotoluene	14.710	165	318892	21.891	ng/ul	86
58) 2,3,4,6-Tetrachlorophenol	14.963	232	245917	20.682	ng/ul#	85
59) Diethylphthalate	15.175	149	1236237	21.340	ng/ul	97
61) Fluorene	15.392	166	1180772	21.748	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.392	204	543898	21.760	ng/ul	96
63) 4-Nitroaniline	15.422	138	142128m	12.604	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.475	198	149124	20.011	ng/ul	98
67) N-Nitrosodiphenylamine	15.610	169	988924	23.583	ng/ul	97
68) 4-Bromophenyl-phenylether	16.292	248	310964	23.487	ng/ul	94
69) Hexachlorobenzene	16.392	284	347722	22.629	ng/ul#	91
70) Atrazine	16.575	200	320219	22.074	ng/ul	97
71) Pentachlorophenol	16.745	266	218260	23.063	ng/ul	97
72) Phenanthrene	17.145	178	1749612	22.876	ng/ul	98
74) Anthracene	17.233	178	1764604	23.194	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.122	216	528089	25.128	ng/uL	97
76) Pentachlorobenzene	14.651	250	448685	24.356	ng/uL	99
77) Carbazole	17.516	167	1585127	22.261	ng/ul	99
78) Di-n-butylphthalate	18.080	149	1991372	22.373	ng/ul	99
80) Fluoranthene	19.127	202	1920029	22.380	ng/ul#	86
82) Pyrene	19.486	202	1982969	22.403	ng/ul#	84
83) Butylbenzylphthalate	20.380	149	915586	23.187	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.145	252	550882	22.276	ng/ul#	97
85) Benzo(a)anthracene	21.204	228	1940814	22.818	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.145	149	1406084	23.866	ng/ul#	95
87) Chrysene	21.257	228	1898672	22.733	ng/ul	100
89) Di-n-octyl phthalate	22.057	149	2408305	23.144	ng/ul	100
90) Benzo(b)fluoranthene	22.857	252	2176335	22.717	ng/ul#	96
91) Benzo(k)fluoranthene	22.904	252	1971994	21.914	ng/ul#	95
93) Benzo(a)pyrene	23.468	252	2106637	22.897	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.004	276	2521139	23.580	ng/ul#	87
95) Dibenzo(a,h)anthracene	26.021	278	2145169	23.186	ng/ul#	92
96) Benzo(g,h,i)perylene	26.751	276	2140917	23.510	ng/ul#	86

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

