

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080522\
 Data File : BP011308.D
 Acq On : 06 Aug 2022 09:32
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020733

Quant Time: Aug 08 01:11:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080222.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 02 23:52:37 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/08/2022
 Supervised By :Sohil Jodhani 08/10/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.593	152	148132	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.387	136	781886	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.269	164	598141	20.000	ng/u1	# 0.00
64) Phenanthrene-d10	17.040	188	1208542	20.000	ng/u1	0.00
79) Chrysene-d12	21.163	240	1302365	20.000	ng/u1	-0.01
88) Perylene-d12	23.474	264	1157629	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.087	96	7935	4.331	ng/uL	0.00
4) Pyridine-d5	3.499	84	58385	11.815	ng/u1	0.00
7) Phenol-d5	6.775	99	196190	15.893	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	6.940	67	185617	20.838	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.128	132	174486	17.341	ng/u1	-0.01
15) 4-Methylphenol-d8	8.316	113	171424	16.876	ng/u1	-0.01
21) Nitrobenzene-d5	8.758	128	137006	24.361	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.475	143	105366	19.987	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.016	165	202379	20.132	ng/u1	0.00
31) 4-Chloroaniline-d4	10.540	131	334750	21.525	ng/u1	0.00
46) Dimethylphthalate-d6	13.693	166	668125	16.309	ng/u1	0.00
49) Acenaphthylene-d8	13.957	160	1059771	20.561	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.498	143	142451	20.448	ng/u1	0.00
60) Fluorene-d10	15.269	176	807792	23.174	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.404	200	120820	21.530	ng/u1	-0.01
73) Anthracene-d10	17.139	188	1291209	24.310	ng/u1	0.00
81) Pyrene-d10	19.398	212	1424627	21.635	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.327	264	1244766	21.578	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.123	88	7569	4.480	ng/uL#	63
5) Pyridine	3.517	79	58368	11.664	ng/u1	97
6) Benzaldehyde	6.746	77	73223	12.134	ng/u1	96
8) Phenol	6.805	94	245334	18.534	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.034	93	221059	20.352	ng/u1	96
12) 2-Chlorophenol	7.158	128	209192	20.016	ng/u1	96
13) 2-Methylphenol	8.052	108	162258	16.200	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.134	45	347279	18.763	ng/u1#	93
16) Acetophenone	8.422	105	571188	34.699	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.416	70	191770	23.941	ng/u1	99
18) 4-Methylphenol	8.381	108	236352	22.004	ng/u1	98
19) Hexachloroethane	8.658	117	179298	35.775	ng/u1	97
22) Nitrobenzene	8.799	77	396502	25.727	ng/u1	97
23) Isophorone	9.334	82	480241	17.511	ng/u1	98
25) 2-Nitrophenol	9.510	139	138026	22.626	ng/u1	99
26) 2,4-Dimethylphenol	9.581	107	251167	18.199	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.822	93	321244	18.606	ng/u1	99
29) 2,4-Dichlorophenol	10.040	162	252322	24.018	ng/u1	97
30) Naphthalene	10.434	128	1122222	27.188	ng/u1	100
32) 4-Chloroaniline	10.563	127	413628	26.259	ng/u1	97
33) Hexachlorobutadiene	10.716	225	199446	30.393	ng/u1	99
34) Caprolactam	11.363	113	52470	16.862	ng/u1	91
35) 4-Chloro-3-methylphenol	11.704	107	264344	22.249	ng/u1	95
36) 2-Methylnaphthalene	12.063	142	627034	24.312	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.287	142	684720	26.429	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.434	216	350912	21.451	ng/ul	98
40) Hexachlorocyclopentadiene	12.410	237	158871	15.371	ng/ul	99
41) 2,4,6-Trichlorophenol	12.687	196	165015	16.102	ng/ul	98
42) 2,4,5-Trichlorophenol	12.757	196	200608	18.241	ng/ul	100
43) 1,1'-Biphenyl	13.093	154	1018636	21.338	ng/ul	99
44) 2-Chloronaphthalene	13.128	162	789630	22.173	ng/ul	100
45) 2-Nitroaniline	13.357	65	125827	14.689	ng/ul	91
47) Dimethylphthalate	13.740	163	788615	19.082	ng/ul	99
48) 2,6-Dinitrotoluene	13.863	165	130987	21.114	ng/ul	97
50) Acenaphthylene	13.987	152	1383416	23.753	ng/ul	100
51) 3-Nitroaniline	14.193	138	77552	11.334	ng/ul	93
52) Acenaphthene	14.328	153	883577	23.454	ng/ul#	93
53) 2,4-Dinitrophenol	14.398	184	75796	20.575	ng/ul	97
55) 4-Nitrophenol	14.510	109	128179	20.389	ng/ul	95
56) Dibenzofuran	14.669	168	1302731	25.269	ng/ul	98
57) 2,4-Dinitrotoluene	14.651	165	252309	25.825	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.904	232	165728	19.957	ng/ul	93
59) Diethylphthalate	15.116	149	731599	17.153	ng/ul	99
61) Fluorene	15.328	166	1068069	26.002	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.328	204	471020	25.966	ng/ul	99
63) 4-Nitroaniline	15.363	138	77891m	13.605	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.416	198	130342	22.462	ng/ul	99
67) N-Nitrosodiphenylamine	15.545	169	648708	18.364	ng/ul#	80
68) 4-Bromophenyl-phenylether	16.228	248	220465	20.222	ng/ul	99
69) Hexachlorobenzene	16.328	284	300002	23.557	ng/ul	99
70) Atrazine	16.522	200	156709	14.830	ng/ul	99
71) Pentachlorophenol	16.687	266	143905	19.293	ng/ul	98
72) Phenanthrene	17.081	178	1654488	25.005	ng/ul	100
74) Anthracene	17.169	178	1682618	25.570	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.051	216	326542	17.656	ng/uL	98
76) Pentachlorobenzene	14.587	250	372205	23.608	ng/uL	99
77) Carbazole	17.451	167	1384381	23.457	ng/ul	100
78) Di-n-butylphthalate	18.028	149	978282	13.363	ng/ul#	94
80) Fluoranthene	19.069	202	1661145	20.627	ng/ul	97
82) Pyrene	19.428	202	1937480	23.055	ng/ul	100
83) Butylbenzylphthalate	20.328	149	307002	9.567	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.092	252	227746	10.692	ng/ul	98
85) Benzo(a)anthracene	21.151	228	1768397	21.725	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.092	149	538037	9.813	ng/ul	99
87) Chrysene	21.204	228	1782400	22.247	ng/ul	100
89) Di-n-octyl phthalate	21.992	149	915155	11.595	ng/ul	100
90) Benzo(b)fluoranthene	22.774	252	1720081	23.323	ng/ul	98
91) Benzo(k)fluoranthene	22.822	252	1684206	24.341	ng/ul	99
93) Benzo(a)pyrene	23.374	252	1665917	23.205	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.863	276	1876327	21.899	ng/ul	97
95) Dibenzo(a,h)anthracene	25.880	278	1622707	22.334	ng/ul	99
96) Benzo(g,h,i)perylene	26.592	276	1539760	20.972	ng/ul	97

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

