Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080922\
Data File : BP011332.D
Acq On : 09 Aug 2022 16:39
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 09 23:13:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080822.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 08 18:47:19 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020735

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay

08/10/2022
Supervised By :Sohil Dodhani

08/10/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.593	152	107229	20.000	ng/ul	0.00
20) Naphthalene-d8	10.381	136	458421	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.263	164	266849	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.033	188	528758	20.000	ng/ul	0.00
79) Chrysene-d12	21.163	240	503780	20.000	ng/ul	0.00
88) Perylene-d12	23.474	264	505020	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	29680	8.485	ng/uL	0.00
4) Pyridine-d5	3.505	84	180276	20.432	ng/ul	0.00
7) Phenol-d5	6.775	99	195904	20.644	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.940	67	139200	20.688	ng/ul	0.00
11) 2-Chlorophenol-d4	7.122	132	164428	22.084	ng/ul	0.00
15) 4-Methylphenol-d8	8.310	113	162492	21.808	ng/ul	0.00
21) Nitrobenzene-d5	8.757	128	75727	24.272	ng/ul	0.00
24) 2-Nitrophenol-d4	9.475	143	70457	24.666	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.004	165	133690	23.176	ng/ul	0.00
31) 4-Chloroaniline-d4	10.534	131	224724	22.284	ng/ul	0.00
46) Dimethylphthalate-d6	13.687	166	424037	22.902	ng/ul	0.00
49) Acenaphthylene-d8	13.951	160	508334	22.808	ng/ul	0.00
54) 4-Nitrophenol-d4	14.487	143	68693	20.313	ng/ul	0.00
60) Fluorene-d10	15.263	176	355072	22.424	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	51269	20.875	ng/ul	0.00
73) Anthracene-d10	17.133	188	530606	22.326	ng/ul	0.00
81) Pyrene-d10	19.392	212	599082	21.585	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.321	264	553189	21.721	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.128	88	31260	8.414	ng/uL#	82
5) Pyridine	3.522	79	188042	20.460	ng/ul#	78
6) Benzaldehyde	6.746	77	81681	19.751	ng/ul	98
8) Phenol	6.799	94	210922	20.534	ng/ul	89
10) Bis(2-Chloroethyl)ether	7.034	93	170415	20.600	ng/ul	94
12) 2-Chlorophenol	7.158	128	173693	22.387	ng/ul	97
13) 2-Methylphenol	8.046	108	155251	20.987	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.134	45	259557m	20.919	ng/ul	
16) Acetophenone	8.422	105	267119	22.158	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.410	70	136527	22.990	ng/ul	99
18) 4-Methylphenol	8.375	108	168816	21.290	ng/ul	95
19) Hexachloroethane	8.657	117	75132	22.934	ng/ul	97
22) Nitrobenzene	8.799	77	204367	23.400	ng/ul	98
23) Isophorone	9.322	82	371289	23.176	ng/ul	99
25) 2-Nitrophenol	9.504	139	82053	24.648	ng/ul#	88
26) 2,4-Dimethylphenol	9.575	107	202053	24.021	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.816	93	225363	22.012	ng/ul	99
29) 2,4-Dichlorophenol	10.034	162	141602	23.474	ng/ul	99
30) Naphthalene	10.428	128	543929	21.809	ng/ul	100
32) 4-Chloroaniline	10.557	127	226207	22.378	ng/ul	98
33) Hexachlorobutadiene	10.710	225	88784	23.991	ng/ul	99
34) Caprolactam	11.351	113	44511m	22.065	ng/ul	
35) 4-Chloro-3-methylphenol	11.698	107	169553	23.906	ng/ul	96
36) 2-Methylnaphthalene	12.057	142	346603	22.420	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.281	142	350354	22.342	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.428	216	153467	21.845	ng/ul	95
40) Hexachlorocyclopentadiene	12.404	237	65920	17.511	ng/ul	99
41) 2,4,6-Trichlorophenol	12.681	196	95529	22.474	ng/ul	99
42) 2,4,5-Trichlorophenol	12.751	196	103825	22.886	ng/ul	100
43) 1,1'-Biphenyl	13.087	154	449825	21.467	ng/ul	98
44) 2-Chloronaphthalene	13.128	162	336918	21.430	ng/ul	97
45) 2-Nitroaniline	13.351	65	103227	25.852	ng/ul	96
47) Dimethylphthalate	13.734	163	429986	22.929	ng/ul	98
48) 2,6-Dinitrotoluene	13.857	165	74491	25.404	ng/ul	95
50) Acenaphthylene	13.981	152	569799	22.178	ng/ul	100
51) 3-Nitroaniline	14.187	138	54965	17.040	ng/ul	96
52) Acenaphthene	14.328	153	378157	22.069	ng/ul	99
53) 2,4-Dinitrophenol	14.398	184	31228	17.950	ng/ul	91
55) 4-Nitrophenol	14.504	109	78049	24.879	ng/ul#	77
56) Dibenzofuran	14.669	168	510015	21.955	ng/ul	95
57) 2,4-Dinitrotoluene	14.645	165	112231	24.971	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.898	232	80291	22.750	ng/ul#	96
59) Diethylphthalate	15.110	149	466594	24.017	ng/ul	97
61) Fluorene	15.322	166	419286	22.225	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.322	204	187234	22.705	ng/ul	91
63) 4-Nitroaniline	15.357	138	54479m	17.357	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.416	198	54475	21.540	ng/ul#	95
67) N-Nitrosodiphenylamine	15.545	169	355665	22.826	ng/ul	99
68) 4-Bromophenyl-phenylether	16.228	248	105450	22.536	ng/ul	91
69) Hexachlorobenzene	16.328	284	120802	22.099	ng/ul	95
70) Atrazine	16.516	200	119372	22.985	ng/ul	99
71) Pentachlorophenol	16.681	266	61067	19.243	ng/ul	98
72) Phenanthrene	17.075	178	643451	21.702	ng/ul	100
74) Anthracene	17.169	178	644954	21.851	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.045	216	159699	21.038	ng/uL	98
76) Pentachlorobenzene	14.581	250	147171	22.262	ng/uL	100
77) Carbazole	17.451	167	595948	21.607	ng/ul	99
78) Di-n-butylphthalate	18.022	149	763525	25.316	ng/ul	100
80) Fluoranthene	19.069	202	720553	21.329	ng/ul	95
82) Pyrene	19.422	202	749742	21.026	ng/ul	96
83) Butylbenzylphthalate	20.322	149	302574	26.628	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.092	252	179028	19.527	ng/ul	98
85) Benzo(a)anthracene	21.151	228	700334	21.668	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.092	149	474119	25.992	ng/ul	98
87) Chrysene	21.198	228	685657	21.430	ng/ul	100
89) Di-n-octyl phthalate	21.992	149	804894	22.971	ng/ul	100
90) Benzo(b)fluoranthene	22.768	252	693835	20.874	ng/ul	99
91) Benzo(k)fluoranthene	22.816	252	689398	21.199	ng/ul	99
93) Benzo(a)pyrene	23.368	252	688039	21.462	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.851	276	760030	21.445	ng/ul	95
95) Dibenzo(a,h)anthracene	25.874	278	651900	21.628	ng/ul	97
96) Benzo(g,h,i)perylene	26.586	276	644373	21.547	ng/ul	98

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

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