Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092923\
Data File : BP017466.D
Acq On : 30 Sep 2023 03:31
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Sep 30 04:03:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 30 04:02:20 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020762

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	145327	20.000	ng/ul	0.00
20) Naphthalene-d8	10.787	136	643496	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.645	164	385045	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.428	188	799824	20.000	ng/ul	0.00
79) Chrysene-d12	21.557	240	788025	20.000	ng/ul	0.00
88) Perylene-d12	24.127	264	905306	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	29735	8.404	ng/uL	0.00
4) Pyridine-d5	3.728	84	207782	21.007	ng/ul	0.00
7) Phenol-d5	7.105	99	263327	22.062	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	157922	21.924	ng/ul	0.00
11) 2-Chlorophenol-d4	7.469	132	215581	22.773	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	207767	22.390	ng/ul	0.00
21) Nitrobenzene-d5	9.157	128	103579	22.265	ng/ul	0.00
24) 2-Nitrophenol-d4	9.875	143	114338	22.635	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.404	165	210896	22.099	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	283276	20.491	ng/ul	0.00
46) Dimethylphthalate-d6	14.057	166	562712	20.400	ng/ul	0.00
49) Acenaphthylene-d8	14.339	160	665462	20.976	ng/ul	0.00
54) 4-Nitrophenol-d4	14.875	143	85646	17.822	ng/ul	0.00
60) Fluorene-d10	15.645	176	477395	20.104	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.786	200	78418	17.395	ng/ul	0.00
73) Anthracene-d10	17.528	188	725274	20.446	ng/ul	0.00
81) Pyrene-d10	19.780	212	843720	19.799	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.957	264	896046	20.557	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	30441	8.401	ng/uL	98
5) Pyridine	3.752	79	217163	21.148	ng/ul	99
6) Benzaldehyde	7.110	77	142012	23.315	ng/ul	98
8) Phenol	7.134	94	265520	22.118	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.387	93	212340	21.882	ng/ul	98
12) 2-Chlorophenol	7.505	128	216194	22.489	ng/ul	98
13) 2-Methylphenol	8.399	108	199123	22.416	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.469	45	273756m	22.306	ng/ul	
16) Acetophenone	8.804	105	326388	22.762	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.775	70	166009	23.198	ng/ul	99
18) 4-Methylphenol	8.734	108	213969	22.481	ng/ul	99
19) Hexachloroethane	9.016	117	92032	23.061	ng/ul	99
22) Nitrobenzene	9.199	77	252096	21.356	ng/ul	95
23) Isophorone	9.716	82	450362	21.291	ng/ul	100
25) 2-Nitrophenol	9.910	139	121432	22.185	ng/ul	98
26) 2,4-Dimethylphenol	9.951	107	235229	21.569	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.204	93	276030	20.215	ng/ul	96
29) 2,4-Dichlorophenol	10.434	162	205828	21.875	ng/ul	100
30) Naphthalene	10.840	128	690252	20.601	ng/ul	99
32) 4-Chloroaniline	10.981	127	272264	20.552	ng/ul	98
33) Hexachlorobutadiene	11.063	225	146415	22.359	ng/ul	99
34) Caprolactam	11.810	113	55290	20.337	ng/ul	93
35) 4-Chloro-3-methylphenol	12.093	107	204116	21.582	ng/ul	98
36) 2-Methylnaphthalene	12.451	142	458414	20.962	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.675	142	465048	20.803	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.804	216	261396	21.154	ng/ul	99
40) Hexachlorocyclopentadiene	12.751	237	130913	18.720	ng/ul	96
41) 2,4,6-Trichlorophenol	13.063	196	164494	21.946	ng/ul	99
42) 2,4,5-Trichlorophenol	13.140	196	168084	21.404	ng/ul	99
43) 1,1'-Biphenyl	13.469	154	596545	20.420	ng/ul	100
44) 2-Chloronaphthalene	13.516	162	479991	20.724	ng/ul	99
45) 2-Nitroaniline	13.757	65	127236	22.363	ng/ul	98
47) Dimethylphthalate	14.104	163	561512	20.209	ng/ul	98
48) 2,6-Dinitrotoluene	14.257	165	110021	22.797	ng/ul	92
50) Acenaphthylene	14.369	152	761070	20.516	ng/ul	99
51) 3-Nitroaniline	14.598	138	105552	20.323	ng/ul	96
52) Acenaphthene	14.710	153	497200	20.294	ng/ul	99
53) 2,4-Dinitrophenol	14.804	184	74669	24.734	ng/ul	97
55) 4-Nitrophenol	14.892	109	85132	22.676	ng/ul	91
56) Dibenzofuran	15.045	168	687613	20.495	ng/ul	99
57) 2,4-Dinitrotoluene	15.045	165	159009	22.368	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.269	232	141889	21.294	ng/ul	96
59) Diethylphthalate	15.469	149	541882	20.173	ng/ul	99
61) Fluorene	15.704	166	555565	20.381	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.692	204	284922	20.624	ng/ul	99
63) 4-Nitroaniline	15.769	138	96695	20.861	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.804	198	85910	17.666	ng/ul	97
67) N-Nitrosodiphenylamine	15.922	169	449528	20.433	ng/ul	98
68) 4-Bromophenyl-phenylether	16.604	248	169574	21.104	ng/ul	98
69) Hexachlorobenzene	16.686	284	196954	21.123	ng/ul	95
70) Atrazine	16.881	200	157506	19.983	ng/ul	100
71) Pentachlorophenol	17.057	266	112605	19.551	ng/ul	99
72) Phenanthrene	17.475	178	840407	20.061	ng/ul	98
74) Anthracene	17.569	178	862641	20.318	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.422	216	259223	21.118	ng/uL	98
76) Pentachlorobenzene	14.939	250	248762	21.453	ng/uL	99
77) Carbazole	17.857	167	743628	19.692	ng/ul	98
78) Di-n-butylphthalate	18.363	149	841618	20.267	ng/ul	100
80) Fluoranthene	19.451	202	982112	19.761	ng/ul	99
82) Pyrene	19.810	202	1043343	19.748	ng/ul	99
83) Butylbenzylphthalate	20.674	149	380444	20.309	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.480	252	320398	18.714	ng/ul	99
85) Benzo(a)anthracene	21.539	228	1081029	20.326	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	542103	20.038	ng/ul#	99
87) Chrysene	21.598	228	1007967	20.138	ng/ul	99
89) Di-n-octyl phthalate	22.398	149	969468	19.468	ng/ul	100
90) Benzo(b)fluoranthene	23.327	252	1069399	20.035	ng/ul	99
91) Benzo(k)fluoranthene	23.380	252	1093049	20.298	ng/ul	99
93) Benzo(a)pyrene	24.015	252	1038561	20.337	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.856	276	1269350	19.830	ng/ul	99
95) Dibenzo(a,h)anthracene	26.880	278	1053775	19.765	ng/ul	97
96) Benzo(g,h,i)perylene	27.703	276	1024405	19.845	ng/ul	99

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

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