Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
Data File : BP014136.D
Acq On : 20 Mar 2023 12:12
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020779

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023

Quant Time: Mar 21 00:44:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 20 13:12:59 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.057	152	168972	20.000	ng/ul		0.00
20) Naphthalene-d8	10.881	136	747715	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.698	164	529184	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.457	188	1256247	20.000	ng/ul		0.00
79) Chrysene-d12	21.533	240	1261973	20.000	ng/ul	#	0.00
88) Perylene-d12	24.062	264	1234396	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.417	96	32506	7.268	ng/uL		0.00
4) Pyridine-d5	3.846	84	230064	18.580	ng/ul		0.00
7) Phenol-d5	7.210	99	302787	20.306	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	183541	21.106	ng/ul		0.00
11) 2-Chlorophenol-d4	7.581	132	234614	20.651	ng/ul		0.00
15) 4-Methylphenol-d8	8.769	113	256711	21.076	ng/ul		0.00
21) Nitrobenzene-d5	9.234	128	121060	20.292	ng/ul		0.00
24) 2-Nitrophenol-d4	9.957	143	146234	20.476	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.498	165	266224	19.812	ng/ul		0.00
31) 4-Chloroaniline-d4	11.016	131	347460	19.539	ng/ul		0.00
46) Dimethylphthalate-d6	14.098	166	875228	19.488	ng/ul		0.00
49) Acenaphthylene-d8	14.392	160	965090	20.286	ng/ul		0.00
54) 4-Nitrophenol-d4	14.898	143	145493	18.384	ng/ul		0.00
60) Fluorene-d10	15.692	176	735296	19.319	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.810	200	174881	18.419	ng/ul		0.00
73) Anthracene-d10	17.557	188	1213572	19.900	ng/ul		0.00
81) Pyrene-d10	19.774	212	1460963	20.990	ng/ul		0.00
92) Benzo(a)pyrene-d12	23.892	264	1315242	20.031	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.452	88	33942	7.030	ng/uL	#	88
5) Pyridine	3.869	79	232005	18.476	ng/ul		97
6) Benzaldehyde	7.193	77	181892m	24.515	ng/ul		
8) Phenol	7.240	94	309856	20.150	ng/ul		99
10) Bis(2-Chloroethyl)ether	7.469	93	250176	21.236	ng/ul		99
12) 2-Chlorophenol	7.616	128	239094	20.889	ng/ul		98
13) 2-Methylphenol	8.504	108	241476	21.118	ng/ul		98
14) 2,2'-oxybis(1-Chloropr...	8.587	45	300051	23.584	ng/ul		100
16) Acetophenone	8.887	105	416557	21.170	ng/ul		99
17) N-Nitroso-di-n-propyla...	8.869	70	224457	22.298	ng/ul		99
18) 4-Methylphenol	8.834	108	267252	21.249	ng/ul		97
19) Hexachloroethane	9.146	117	107151	21.374	ng/ul		97
22) Nitrobenzene	9.275	77	324832	20.354	ng/ul		98
23) Isophorone	9.804	82	633745	20.621	ng/ul		98
25) 2-Nitrophenol	9.987	139	150376	20.430	ng/ul		95
26) 2,4-Dimethylphenol	10.046	107	322912	20.043	ng/ul		99
27) Bis(2-Chloroethoxy)met...	10.281	93	370611	20.848	ng/ul		99
29) 2,4-Dichlorophenol	10.528	162	260094	19.622	ng/ul		99
30) Naphthalene	10.928	128	816787	19.893	ng/ul		99
32) 4-Chloroaniline	11.040	127	351142	19.623	ng/ul		96
33) Hexachlorobutadiene	11.204	225	197795	18.752	ng/ul		97
34) Caprolactam	11.834	113	88649m	20.597	ng/ul		
35) 4-Chloro-3-methylphenol	12.157	107	313050	20.424	ng/ul		96
36) 2-Methylnaphthalene	12.528	142	570399	19.806	ng/ul		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.745	142	565794	19.546	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.892	216	364781	19.062	ng/ul	100
40) Hexachlorocyclopentadiene	12.869	237	208760	15.235	ng/ul	98
41) 2,4,6-Trichlorophenol	13.134	196	239560	19.928	ng/ul	99
42) 2,4,5-Trichlorophenol	13.210	196	263661	19.985	ng/ul	98
43) 1,1'-Biphenyl	13.534	154	816025	20.029	ng/ul	99
44) 2-Chloronaphthalene	13.575	162	654809	20.237	ng/ul	99
45) 2-Nitroaniline	13.787	65	203159	21.228	ng/ul	97
47) Dimethylphthalate	14.151	163	867743	19.520	ng/ul	99
48) 2,6-Dinitrotoluene	14.275	165	180767	20.568	ng/ul	99
50) Acenaphthylene	14.422	152	1009447	20.218	ng/ul	100
51) 3-Nitroaniline	14.610	138	163848	21.056	ng/ul	95
52) Acenaphthene	14.763	153	698528	20.013	ng/ul	100
53) 2,4-Dinitrophenol	14.816	184	105060	16.007	ng/ul	96
55) 4-Nitrophenol	14.916	109	142427	16.660	ng/ul	86
56) Dibenzofuran	15.098	168	999367	19.681	ng/ul	98
57) 2,4-Dinitrotoluene	15.063	165	266444	20.291	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.322	232	243971	19.330	ng/ul	99
59) Diethylphthalate	15.504	149	897869	19.914	ng/ul	99
61) Fluorene	15.745	166	827528	19.660	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.733	204	446898	19.237	ng/ul	99
63) 4-Nitroaniline	15.775	138	171692	21.465	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.828	198	167578	18.500	ng/ul	98
67) N-Nitrosodiphenylamine	15.951	169	712475	20.081	ng/ul	99
68) 4-Bromophenyl-phenylether	16.633	248	296060	19.495	ng/ul	97
69) Hexachlorobenzene	16.751	284	346619	19.368	ng/ul	97
70) Atrazine	16.904	200	301479	19.701	ng/ul	99
71) Pentachlorophenol	17.104	266	205498	17.567	ng/ul	98
72) Phenanthrene	17.498	178	1357045	19.805	ng/ul	100
74) Anthracene	17.586	178	1395242	20.083	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.498	216	386959	20.071	ng/uL	98
76) Pentachlorobenzene	15.016	250	393876	19.667	ng/uL	99
77) Carbazole	17.857	167	1238851	20.216	ng/ul	99
78) Di-n-butylphthalate	18.386	149	1634182	21.338	ng/ul	100
80) Fluoranthene	19.451	202	1707096	21.518	ng/ul#	96
82) Pyrene	19.804	202	1770370	21.392	ng/ul	96
83) Butylbenzylphthalate	20.657	149	765019	22.926	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.445	252	627556	19.425	ng/ul	99
85) Benzo(a)anthracene	21.516	228	1763316	19.866	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.410	149	1134550	22.741	ng/ul	99
87) Chrysene	21.574	228	1657372	19.592	ng/ul	100
89) Di-n-octyl phthalate	22.374	149	1935615	24.851	ng/ul	100
90) Benzo(b)fluoranthene	23.280	252	1712039	20.814	ng/ul	98
91) Benzo(k)fluoranthene	23.333	252	1609496	20.521	ng/ul	99
93) Benzo(a)pyrene	23.945	252	1430092	19.989	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.715	276	1664968	17.580	ng/ul	98
95) Dibenzo(a,h)anthracene	26.733	278	1400138	17.787	ng/ul	98
96) Benzo(g,h,i)perylene	27.539	276	1338939	17.687	ng/ul	99

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

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