Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122023\
Data File : BP018963.D
Acq On : 20 Dec 2023 16:37
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020737

Quant Time: Dec 20 21:48:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 19 05:28:03 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	117404	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.616	136	448902	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.457	164	288138	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.216	188	669132	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.310	240	728299	20.000	ng/ul	# 0.00
88) Perylene-d12	23.674	264	889037	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	28124	8.163	ng/uL	-0.01
4) Pyridine-d5	3.664	84	195298	21.163	ng/ul	-0.02
7) Phenol-d5	6.993	99	231148	19.619	ng/ul	-0.02
9) Bis-(2-Chloroethyl)eth...	7.152	67	125333	17.948	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.352	132	178959	19.466	ng/ul	-0.02
15) 4-Methylphenol-d8	8.534	113	173674	18.215	ng/ul	-0.02
21) Nitrobenzene-d5	8.981	128	83083	20.795	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.705	143	94055	22.706	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.240	165	182287	21.521	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.763	131	223149	20.159	ng/ul	-0.01
46) Dimethylphthalate-d6	13.875	166	524608	20.400	ng/ul	0.00
49) Acenaphthylene-d8	14.151	160	591965	20.905	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.675	143	91195	21.604	ng/ul	-0.01
60) Fluorene-d10	15.457	176	454684	21.063	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.581	200	89961	22.422	ng/ul	-0.01
73) Anthracene-d10	17.316	188	745874	21.203	ng/ul	0.00
81) Pyrene-d10	19.551	212	919965	16.227	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.521	264	1063885	20.524	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	30208	7.996	ng/uL	99
5) Pyridine	3.687	79	198916	21.345	ng/ul	96
6) Benzaldehyde	6.964	77	125581	20.645	ng/ul	95
8) Phenol	7.022	94	227814	19.717	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.246	93	175441	18.489	ng/ul	98
12) 2-Chlorophenol	7.381	128	178472	19.181	ng/ul	97
13) 2-Methylphenol	8.269	108	163574	18.492	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.346	45	204739	17.005	ng/ul	97
16) Acetophenone	8.646	105	264203	18.593	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.634	70	127912	16.363	ng/ul	98
18) 4-Methylphenol	8.599	108	176418	18.265	ng/ul	99
19) Hexachloroethane	8.893	117	74471	19.523	ng/ul	85
22) Nitrobenzene	9.022	77	197405	20.322	ng/ul	100
23) Isophorone	9.552	82	360859	18.220	ng/ul	98
25) 2-Nitrophenol	9.734	139	97368	21.954	ng/ul#	94
26) 2,4-Dimethylphenol	9.799	107	169052	19.489	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.040	93	225471	18.032	ng/ul	99
29) 2,4-Dichlorophenol	10.269	162	174567	21.397	ng/ul	95
30) Naphthalene	10.669	128	556180	20.424	ng/ul	99
32) 4-Chloroaniline	10.787	127	215054	20.384	ng/ul	99
33) Hexachlorobutadiene	10.946	225	136526	24.987	ng/ul	97
34) Caprolactam	11.563	113	55684	22.259	ng/ul	97
35) 4-Chloro-3-methylphenol	11.916	107	177797	19.454	ng/ul	99
36) 2-Methylnaphthalene	12.281	142	379428	19.667	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.499	142	384579	19.739	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.651	216	242885	23.234	ng/ul	97
40) Hexachlorocyclopentadiene	12.622	237	120436	19.437	ng/ul	99
41) 2,4,6-Trichlorophenol	12.893	196	148836	22.132	ng/ul	97
42) 2,4,5-Trichlorophenol	12.969	196	161613	22.167	ng/ul	99
43) 1,1'-Biphenyl	13.293	154	510732	20.495	ng/ul	98
44) 2-Chloronaphthalene	13.334	162	415839	21.128	ng/ul	99
45) 2-Nitroaniline	13.546	65	107690	20.183	ng/ul	98
47) Dimethylphthalate	13.922	163	519685	20.529	ng/ul	99
48) 2,6-Dinitrotoluene	14.046	165	101574	21.238	ng/ul	96
50) Acenaphthylene	14.181	152	661489	20.777	ng/ul	99
51) 3-Nitroaniline	14.375	138	102081	21.382	ng/ul	98
52) Acenaphthene	14.522	153	440033	20.903	ng/ul	98
53) 2,4-Dinitrophenol	14.587	184	56730	22.381	ng/ul	91
55) 4-Nitrophenol	14.693	109	76386	23.951	ng/ul	89
56) Dibenzofuran	14.857	168	620315	21.202	ng/ul	99
57) 2,4-Dinitrotoluene	14.834	165	150989	22.444	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.093	232	143501	23.465	ng/ul	92
59) Diethylphthalate	15.287	149	503850	20.340	ng/ul	99
61) Fluorene	15.510	166	504295	21.783	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.510	204	273269	22.507	ng/ul	97
63) 4-Nitroaniline	15.540	138	112794	24.800	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.598	198	97008	22.615	ng/ul	92
67) N-Nitrosodiphenylamine	15.722	169	424197	19.131	ng/ul	98
68) 4-Bromophenyl-phenylether	16.404	248	179232	21.217	ng/ul	92
69) Hexachlorobenzene	16.516	284	213305	22.616	ng/ul	96
70) Atrazine	16.681	200	120017	18.206	ng/ul	99
71) Pentachlorophenol	16.863	266	130557	23.275	ng/ul	99
72) Phenanthrene	17.257	178	842264	20.842	ng/ul	100
74) Anthracene	17.351	178	850606	20.998	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.257	216	241050	20.834	ng/uL	99
76) Pentachlorobenzene	14.781	250	243663	21.440	ng/uL	100
77) Carbazole	17.622	167	765208	23.702	ng/ul	99
78) Di-n-butylphthalate	18.181	149	866883	20.165	ng/ul	100
80) Fluoranthene	19.228	202	1060731	15.829	ng/ul#	94
82) Pyrene	19.581	202	1105129	16.347	ng/ul#	93
83) Butylbenzylphthalate	20.457	149	411534	16.628	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.227	252	392295	22.166	ng/ul	99
85) Benzo(a)anthracene	21.292	228	1204487	20.375	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.222	149	618658	18.187	ng/ul#	98
87) Chrysene	21.345	228	1118213	20.541	ng/ul	100
89) Di-n-octyl phthalate	22.133	149	1090747	16.804	ng/ul	100
90) Benzo(b)fluoranthene	22.951	252	1255614	19.155	ng/ul	98
91) Benzo(k)fluoranthene	22.998	252	1254288	19.776	ng/ul	98
93) Benzo(a)pyrene	23.569	252	1207695	20.164	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.133	276	1594887	22.287	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.157	278	1320946	22.190	ng/ul#	96
96) Benzo(g,h,i)perylene	26.892	276	1287388	22.354	ng/ul#	94

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

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