Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017174.D
Acq On : 14 Sep 2023 13:25
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 63 Sample Multiplier: 1

Quant Time: Sep 14 23:17:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 12 23:27:27 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020734

Manual Integrations APPROVED

Reviewed By :Yogesh Patel
09/15/2023
Supervised By :mohammad ahmed
09/15/2023
Supervised By :mohammad ahmed
09/15/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	227487	20.000	ng/ul	0.00
20) Naphthalene-d8	10.775	136	912601	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.610	164	530437	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.381	188	1120999	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	1049616	20.000	ng/ul	0.00
88) Perylene-d12	24.010	264	1172897	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	45856	8.471	ng/uL	0.00
4) Pyridine-d5	3.746	84	302711	19.548	ng/ul	0.00
7) Phenol-d5	7.105	99	344806	18.641	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	227988	19.720	ng/ul	0.00
11) 2-Chlorophenol-d4	7.469	132	291133	19.729	ng/ul	0.00
15) 4-Methylphenol-d8	8.663	113	274763	17.923	ng/ul	0.00
21) Nitrobenzene-d5	9.152	128	135031	21.131	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	143894	21.092	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	270950	20.536	ng/ul	0.00
31) 4-Chloroaniline-d4	10.940	131	377386	18.977	ng/ul	0.00
46) Dimethylphthalate-d6	14.028	166	766794	20.314	ng/ul	0.00
49) Acenaphthylene-d8	14.310	160	894552	20.886	ng/ul	0.00
54) 4-Nitrophenol-d4	14.828	143	126431	17.330	ng/ul	0.00
60) Fluorene-d10	15.610	176	657503	20.145	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	113069	18.053	ng/ul	0.00
73) Anthracene-d10	17.480	188	986718	20.717	ng/ul	0.00
81) Pyrene-d10	19.722	212	1131292	20.551	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.845	264	1147401	20.727	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	47941	8.236	ng/uL	93
5) Pyridine	3.764	79	321672	20.054	ng/ul	98
6) Benzaldehyde	7.110	77	232100	22.538	ng/ul	99
8) Phenol	7.128	94	369643	18.947	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.387	93	305211	19.615	ng/ul	99
12) 2-Chlorophenol	7.505	128	294176	19.640	ng/ul	99
13) 2-Methylphenol	8.393	108	267074	18.363	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.463	45	415915m	19.723	ng/ul	
16) Acetophenone	8.804	105	449318	18.726	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.769	70	225412	18.281	ng/ul	96
18) 4-Methylphenol	8.728	108	291690	18.128	ng/ul	97
19) Hexachloroethane	9.016	117	123215	20.002	ng/ul	96
22) Nitrobenzene	9.193	77	345359	20.753	ng/ul	99
23) Isophorone	9.704	82	601168	19.277	ng/ul	99
25) 2-Nitrophenol	9.899	139	159676	21.059	ng/ul	98
26) 2,4-Dimethylphenol	9.934	107	304115	19.680	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.193	93	390736	19.991	ng/ul	99
29) 2,4-Dichlorophenol	10.416	162	273083	20.448	ng/ul	98
30) Naphthalene	10.828	128	937708	20.305	ng/ul	100
32) 4-Chloroaniline	10.963	127	372481	19.194	ng/ul	97
33) Hexachlorobutadiene	11.057	225	194714	21.471	ng/ul	99
34) Caprolactam	11.787	113	68710	16.367	ng/ul	97
35) 4-Chloro-3-methylphenol	12.063	107	268073	18.552	ng/ul	99
36) 2-Methylnaphthalene	12.434	142	618583	19.851	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.651	142	619076	19.627	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.781	216	351370	22.241	ng/ul	98
40) Hexachlorocyclopentadiene	12.734	237	213880	21.728	ng/ul	98
41) 2,4,6-Trichlorophenol	13.040	196	212022	21.126	ng/ul	99
42) 2,4,5-Trichlorophenol	13.110	196	223261	20.924	ng/ul	99
43) 1,1'-Biphenyl	13.445	154	800251	21.039	ng/ul	99
44) 2-Chloronaphthalene	13.492	162	643381	21.300	ng/ul	98
45) 2-Nitroaniline	13.728	65	163987	20.043	ng/ul	99
47) Dimethylphthalate	14.075	163	769702	20.087	ng/ul	100
48) 2,6-Dinitrotoluene	14.216	165	138496	19.770	ng/ul	96
50) Acenaphthylene	14.339	152	1021867	20.652	ng/ul	99
51) 3-Nitroaniline	14.557	138	140352	18.728	ng/ul	98
52) Acenaphthene	14.675	153	666395	20.352	ng/ul	99
53) 2,4-Dinitrophenol	14.757	184	77155	15.724	ng/ul	100
55) 4-Nitrophenol	14.845	109	103134	17.663	ng/ul	98
56) Dibenzofuran	15.010	168	924078	20.423	ng/ul	99
57) 2,4-Dinitrotoluene	14.998	165	201963	19.361	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.228	232	189356	20.229	ng/ul	99
59) Diethylphthalate	15.428	149	747048	19.746	ng/ul	100
61) Fluorene	15.663	166	754347	20.165	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.657	204	399390	20.999	ng/ul	97
63) 4-Nitroaniline	15.728	138	135497	19.448	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.751	198	126306	18.791	ng/ul	97
67) N-Nitrosodiphenylamine	15.881	169	608005	20.859	ng/ul	97
68) 4-Bromophenyl-phenylether	16.557	248	228924	21.424	ng/ul	98
69) Hexachlorobenzene	16.639	284	265478	20.990	ng/ul	99
70) Atrazine	16.839	200	222685	21.106	ng/ul	99
71) Pentachlorophenol	17.004	266	153314	18.652	ng/ul	99
72) Phenanthrene	17.428	178	1159057	20.575	ng/ul	99
74) Anthracene	17.516	178	1169288	20.493	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.398	216	365010	23.550	ng/uL	99
76) Pentachlorobenzene	14.904	250	316975	22.538	ng/uL	98
77) Carbazole	17.804	167	1012137	20.202	ng/ul	100
78) Di-n-butylphthalate	18.316	149	1200134	21.022	ng/ul	100
80) Fluoranthene	19.392	202	1321184	20.534	ng/ul	99
82) Pyrene	19.751	202	1397203	20.552	ng/ul	99
83) Butylbenzylphthalate	20.610	149	509114	20.997	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.410	252	428464	19.911	ng/ul	97
85) Benzo(a)anthracene	21.469	228	1425742	20.746	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.345	149	742410	21.812	ng/ul	98
87) Chrysene	21.521	228	1319864	20.646	ng/ul	98
89) Di-n-octyl phthalate	22.310	149	1271664	19.553	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	1394017	20.163	ng/ul	99
91) Benzo(k)fluoranthene	23.274	252	1399523	20.363	ng/ul	99
93) Benzo(a)pyrene	23.898	252	1322316	20.616	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.686	276	1643719	23.142	ng/ul	100
95) Dibenzo(a,h)anthracene	26.715	278	1374735	23.041	ng/ul	99
96) Benzo(g,h,i)perylene	27.527	276	1298067	23.635	ng/ul	100

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

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