Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101323\
Data File : BP017671.D
Acq On : 13 Oct 2023 18:10
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020779

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023

Quant Time: Oct 14 01:36:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 16:14:36 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	107165	20.000	ng/ul	0.00
20) Naphthalene-d8	10.740	136	445904	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.604	164	295803	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.398	188	685499	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	803849	20.000	ng/ul	0.00
88) Perylene-d12	24.104	264	956790	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	24610	8.467	ng/uL	0.00
4) Pyridine-d5	3.699	84	158604	19.739	ng/ul	0.00
7) Phenol-d5	7.058	99	192873	19.332	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.246	67	122272	20.209	ng/ul	0.00
11) 2-Chlorophenol-d4	7.422	132	158254	20.492	ng/ul	0.00
15) 4-Methylphenol-d8	8.628	113	155248	19.481	ng/ul	0.00
21) Nitrobenzene-d5	9.110	128	73611	19.654	ng/ul	0.00
24) 2-Nitrophenol-d4	9.828	143	79629	18.906	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.357	165	159323	20.126	ng/ul	0.00
31) 4-Chloroaniline-d4	10.910	131	220258	19.412	ng/ul	0.00
46) Dimethylphthalate-d6	14.022	166	502281	19.606	ng/ul	0.00
49) Acenaphthylene-d8	14.298	160	551521	19.992	ng/ul	0.00
54) 4-Nitrophenol-d4	14.851	143	70522	16.459	ng/ul	0.00
60) Fluorene-d10	15.610	176	444871	20.414	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	84128	17.363	ng/ul	0.00
73) Anthracene-d10	17.498	188	718332	20.299	ng/ul	0.00
81) Pyrene-d10	19.757	212	904931	18.704	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.933	264	1065556	19.838	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	25985	8.430	ng/uL	98
5) Pyridine	3.717	79	165934	20.109	ng/ul	98
6) Benzaldehyde	7.063	77	121573	24.057	ng/ul	97
8) Phenol	7.087	94	191432	19.333	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.340	93	157748	19.854	ng/ul	98
12) 2-Chlorophenol	7.458	128	161419	20.920	ng/ul	98
13) 2-Methylphenol	8.352	108	142532	19.336	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.416	45	200576m	19.565	ng/ul	
16) Acetophenone	8.763	105	249560	20.126	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.728	70	126571	20.168	ng/ul	98
18) 4-Methylphenol	8.693	108	158809	19.819	ng/ul	98
19) Hexachloroethane	8.963	117	72745	21.104	ng/ul	94
22) Nitrobenzene	9.158	77	198347	20.617	ng/ul	99
23) Isophorone	9.669	82	333941	19.252	ng/ul	100
25) 2-Nitrophenol	9.863	139	89256	19.919	ng/ul	97
26) 2,4-Dimethylphenol	9.905	107	180095	20.228	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.157	93	208141	19.638	ng/ul	98
29) 2,4-Dichlorophenol	10.387	162	153476	20.093	ng/ul	94
30) Naphthalene	10.793	128	530395	20.460	ng/ul	99
32) 4-Chloroaniline	10.934	127	208304	19.199	ng/ul	99
33) Hexachlorobutadiene	11.010	225	121859	20.632	ng/ul	99
34) Caprolactam	11.763	113	38701m	16.565	ng/ul	
35) 4-Chloro-3-methylphenol	12.051	107	156975	19.479	ng/ul	96
36) 2-Methylnaphthalene	12.410	142	356184	20.064	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.628	142	367640	20.403	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.763	216	217912	20.193	ng/ul	97
40) Hexachlorocyclopentadiene	12.704	237	77195	15.922	ng/ul	99
41) 2,4,6-Trichlorophenol	13.028	196	128438	19.327	ng/ul	96
42) 2,4,5-Trichlorophenol	13.098	196	133604	19.043	ng/ul	97
43) 1,1'-Biphenyl	13.428	154	481482	19.860	ng/ul	100
44) 2-Chloronaphthalene	13.475	162	390838	20.151	ng/ul	99
45) 2-Nitroaniline	13.722	65	104203	19.435	ng/ul	98
47) Dimethylphthalate	14.069	163	495208	19.574	ng/ul	99
48) 2,6-Dinitrotoluene	14.222	165	89388	19.090	ng/ul	96
50) Acenaphthylene	14.328	152	626749	20.083	ng/ul	99
51) 3-Nitroaniline	14.563	138	89713	18.997	ng/ul	99
52) Acenaphthene	14.669	153	422018	20.330	ng/ul	99
53) 2,4-Dinitrophenol	14.775	184	38176	13.204	ng/ul	94
55) 4-Nitrophenol	14.863	109	71471m	17.804	ng/ul	
56) Dibenzofuran	15.010	168	606801	20.377	ng/ul	98
57) 2,4-Dinitrotoluene	15.010	165	143620	19.870	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.234	232	125993	19.414	ng/ul	98
59) Diethylphthalate	15.428	149	496437	19.562	ng/ul	99
61) Fluorene	15.663	166	497924	20.280	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.657	204	262477	20.106	ng/ul	98
63) 4-Nitroaniline	15.740	138	97232	20.719	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.769	198	87798	17.301	ng/ul#	99
67) N-Nitrosodiphenylamine	15.887	169	418826	20.447	ng/ul	99
68) 4-Bromophenyl-phenylether	16.569	248	165172	19.983	ng/ul	97
69) Hexachlorobenzene	16.645	284	197409	20.067	ng/ul	95
70) Atrazine	16.851	200	148358	18.716	ng/ul	98
71) Pentachlorophenol	17.022	266	101645	17.061	ng/ul	97
72) Phenanthrene	17.439	178	815615	20.224	ng/ul	99
74) Anthracene	17.534	178	837774	20.536	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.381	216	213815	19.768	ng/uL	99
76) Pentachlorobenzene	14.898	250	224859	20.258	ng/uL	99
77) Carbazole	17.828	167	740407	20.042	ng/ul	100
78) Di-n-butylphthalate	18.339	149	823274	18.096	ng/ul	100
80) Fluoranthene	19.422	202	1023157	18.505	ng/ul	99
82) Pyrene	19.780	202	1102283	19.083	ng/ul	100
83) Butylbenzylphthalate	20.657	149	374816	16.679	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.469	252	388208	18.854	ng/ul	99
85) Benzo(a)anthracene	21.522	228	1213225	19.683	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.398	149	537149	15.808	ng/ul	98
87) Chrysene	21.574	228	1149587	20.210	ng/ul	99
89) Di-n-octyl phthalate	22.386	149	979881	15.685	ng/ul	100
90) Benzo(b)fluoranthene	23.304	252	1280059	19.646	ng/ul	99
91) Benzo(k)fluoranthene	23.357	252	1275727	19.681	ng/ul	98
93) Benzo(a)pyrene	23.992	252	1222797	20.155	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.833	276	1525767	20.506	ng/ul	99
95) Dibenzo(a,h)anthracene	26.862	278	1285904	20.621	ng/ul	98
96) Benzo(g,h,i)perylene	27.680	276	1225874	20.719	ng/ul	100

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

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