Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092523\
Data File : BP017324.D
Acq On : 25 Sep 2023 16:52
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020750

Quant Time: Sep 25 17:33:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 21 23:51:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	227840	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.751	136	963771	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.592	164	590734	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.363	188	1270940	20.000	ng/ul	0.00
79) Chrysene-d12	21.469	240	1219168	20.000	ng/ul	0.00
88) Perylene-d12	23.986	264	1320077	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	41994	7.571	ng/uL	0.00
4) Pyridine-d5	3.734	84	303216	19.553	ng/ul	0.00
7) Phenol-d5	7.087	99	384627	20.555	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.269	67	236928	20.980	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.452	132	312021	21.024	ng/ul	-0.01
15) 4-Methylphenol-d8	8.646	113	308277	21.190	ng/ul	-0.01
21) Nitrobenzene-d5	9.128	128	150943	21.664	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.840	143	166587	22.020	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.369	165	318970	22.316	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.916	131	439542	21.229	ng/ul	-0.01
46) Dimethylphthalate-d6	14.004	166	906250	21.415	ng/ul	-0.01
49) Acenaphthylene-d8	14.287	160	1038122	21.329	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.822	143	141463	19.188	ng/ul	0.00
60) Fluorene-d10	15.586	176	777087	21.330	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.722	200	133400	18.623	ng/ul	0.00
73) Anthracene-d10	17.463	188	1212939	21.519	ng/ul	0.00
81) Pyrene-d10	19.704	212	1412266	21.421	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.821	264	1365548	21.485	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	41273	7.265	ng/uL	92
5) Pyridine	3.752	79	316923	19.686	ng/ul	99
6) Benzaldehyde	7.087	77	233973	24.501	ng/ul	98
8) Phenol	7.116	94	390335	20.739	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.369	93	321562	21.137	ng/ul	97
12) 2-Chlorophenol	7.481	128	321077	21.303	ng/ul	98
13) 2-Methylphenol	8.375	108	291280	20.915	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.440	45	250641	13.026	ng/ul	99
16) Acetophenone	8.781	105	488803	21.743	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.746	70	247817	22.088	ng/ul	97
18) 4-Methylphenol	8.710	108	321289	21.531	ng/ul	99
19) Hexachloroethane	8.993	117	130768	20.900	ng/ul	96
22) Nitrobenzene	9.169	77	377030	21.326	ng/ul	98
23) Isophorone	9.681	82	686958	21.684	ng/ul	99
25) 2-Nitrophenol	9.875	139	180836	22.059	ng/ul	99
26) 2,4-Dimethylphenol	9.916	107	347576	21.279	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.169	93	432941	21.170	ng/ul	98
29) 2,4-Dichlorophenol	10.393	162	311022	22.070	ng/ul	98
30) Naphthalene	10.804	128	1044082	20.806	ng/ul	99
32) 4-Chloroaniline	10.940	127	425591	21.450	ng/ul	100
33) Hexachlorobutadiene	11.028	225	214747	21.896	ng/ul	97
34) Caprolactam	11.769	113	85964	21.111	ng/ul	93
35) 4-Chloro-3-methylphenol	12.045	107	314787	22.223	ng/ul	100
36) 2-Methylnaphthalene	12.410	142	706870	21.582	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.634	142	722483	21.579	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.757	216	399529	21.075	ng/ul	99
40) Hexachlorocyclopentadiene	12.704	237	183727	17.125	ng/ul	94
41) 2,4,6-Trichlorophenol	13.016	196	253125	22.012	ng/ul	100
42) 2,4,5-Trichlorophenol	13.092	196	266699	22.137	ng/ul	96
43) 1,1'-Biphenyl	13.422	154	924735	20.632	ng/ul	99
44) 2-Chloronaphthalene	13.469	162	741389	20.865	ng/ul	99
45) 2-Nitroaniline	13.710	65	195086	22.350	ng/ul	97
47) Dimethylphthalate	14.051	163	907872	21.297	ng/ul	99
48) 2,6-Dinitrotoluene	14.198	165	173434	23.424	ng/ul	98
50) Acenaphthylene	14.316	152	1184014	20.804	ng/ul	100
51) 3-Nitroaniline	14.539	138	177288	22.250	ng/ul	92
52) Acenaphthene	14.657	153	782609	20.821	ng/ul	99
53) 2,4-Dinitrophenol	14.745	184	67054	14.478	ng/ul	94
55) 4-Nitrophenol	14.834	109	115888	20.120	ng/ul	99
56) Dibenzofuran	14.992	168	1100376	21.378	ng/ul	98
57) 2,4-Dinitrotoluene	14.981	165	254556	23.340	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.210	232	227487	22.253	ng/ul	96
59) Diethylphthalate	15.410	149	897967	21.790	ng/ul	99
61) Fluorene	15.645	166	882312	21.097	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.634	204	460637	21.733	ng/ul	99
63) 4-Nitroaniline	15.710	138	166790	23.454	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.734	198	145957	18.888	ng/ul	100
67) N-Nitrosodiphenylamine	15.863	169	737202	21.088	ng/ul	100
68) 4-Bromophenyl-phenylether	16.539	248	281847	22.074	ng/ul	98
69) Hexachlorobenzene	16.622	284	325948	22.000	ng/ul	94
70) Atrazine	16.822	200	265462	21.195	ng/ul	99
71) Pentachlorophenol	16.986	266	186625	20.391	ng/ul	98
72) Phenanthrene	17.404	178	1394606	20.950	ng/ul	100
74) Anthracene	17.498	178	1431121	21.213	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.375	216	405702	20.799	ng/uL	97
76) Pentachlorobenzene	14.881	250	394203	21.394	ng/uL	98
77) Carbazole	17.786	167	1255161	20.917	ng/ul	99
78) Di-n-butylphthalate	18.298	149	1517092	22.991	ng/ul	99
80) Fluoranthene	19.375	202	1654225	21.514	ng/ul	99
82) Pyrene	19.733	202	1730702	21.174	ng/ul	100
83) Butylbenzylphthalate	20.598	149	691717	23.867	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.392	252	544933	20.573	ng/ul	100
85) Benzo(a)anthracene	21.451	228	1748177	21.246	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.327	149	1023194	24.446	ng/ul	100
87) Chrysene	21.510	228	1623667	20.967	ng/ul	99
89) Di-n-octyl phthalate	22.292	149	1732265	23.856	ng/ul	100
90) Benzo(b)fluoranthene	23.204	252	1667294	21.422	ng/ul	99
91) Benzo(k)fluoranthene	23.251	252	1675949	21.344	ng/ul	99
93) Benzo(a)pyrene	23.874	252	1583875	21.270	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.651	276	1890003	20.249	ng/ul	100
95) Dibenzo(a,h)anthracene	26.674	278	1587084	20.415	ng/ul	98
96) Benzo(g,h,i)perylene	27.480	276	1509232	20.051	ng/ul	98

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

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