Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063022\
Data File : BP010923.D
Acq On : 30 Jun 2022 18:01
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020691

Quant Time: Jul 01 02:33:58 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 27 23:12:49 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	480161	20.000	ng/ul	0.00
20) Naphthalene-d8	10.498	136	1927582	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.363	164	952769	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.128	188	1599189	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.239	240	1482204	20.000	ng/ul	# 0.00
88) Perylene-d12	23.598	264	1711166	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	104205	8.209	ng/uL	0.00
4) Pyridine-d5	3.611	84	679347	20.106	ng/ul	0.00
7) Phenol-d5	6.881	99	762925	20.072	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	502391	20.210	ng/ul	0.00
11) 2-Chlorophenol-d4	7.240	132	642641	20.378	ng/ul	0.00
15) 4-Methylphenol-d8	8.422	113	600133	19.973	ng/ul	0.00
21) Nitrobenzene-d5	8.869	128	286079	23.314	ng/ul	0.00
24) 2-Nitrophenol-d4	9.587	143	267722	26.371	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.122	165	504313	20.105	ng/ul	0.00
31) 4-Chloroaniline-d4	10.646	131	767485	18.744	ng/ul	0.00
46) Dimethylphthalate-d6	13.781	166	1218838	18.675	ng/ul	0.00
49) Acenaphthylene-d8	14.051	160	1575405	18.913	ng/ul	0.00
54) 4-Nitrophenol-d4	14.575	143	190053	18.644	ng/ul	0.00
60) Fluorene-d10	15.357	176	1042075	18.606	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.481	200	111915	21.123	ng/ul	0.00
73) Anthracene-d10	17.222	188	1390703	19.546	ng/ul	-0.01
81) Pyrene-d10	19.474	212	1444731	17.891	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.445	264	1666815	19.712	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.234	88	111750	8.256	ng/uL#	88
5) Pyridine	3.628	79	690249	20.167	ng/ul#	74
6) Benzaldehyde	6.852	77	448021	22.339	ng/ul	95
8) Phenol	6.910	94	817566	20.111	ng/ul#	86
10) Bis(2-Chloroethyl)ether	7.140	93	662197	20.281	ng/ul	89
12) 2-Chlorophenol	7.269	128	667725	20.512	ng/ul	92
13) 2-Methylphenol	8.152	108	592142	19.565	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.246	45	876663	20.012	ng/ul#	97
16) Acetophenone	8.528	105	914427	19.816	ng/ul#	88
17) N-Nitroso-di-n-propyla...	8.522	70	445505	19.093	ng/ul	89
18) 4-Methylphenol	8.481	108	626693	19.884	ng/ul	97
19) Hexachloroethane	8.775	117	259471	19.682	ng/ul#	80
22) Nitrobenzene	8.910	77	676391	22.088	ng/ul	91
23) Isophorone	9.440	82	1149089	17.894	ng/ul	98
25) 2-Nitrophenol	9.616	139	309318	25.160	ng/ul#	81
26) 2,4-Dimethylphenol	9.687	107	656993	19.560	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.922	93	788703	19.469	ng/ul	98
29) 2,4-Dichlorophenol	10.151	162	521581	20.011	ng/ul	99
30) Naphthalene	10.546	128	1973815	19.647	ng/ul	100
32) 4-Chloroaniline	10.669	127	765199	18.862	ng/ul	100
33) Hexachlorobutadiene	10.834	225	319040	19.159	ng/ul	94
34) Caprolactam	11.451	113	127553	15.578	ng/ul	91
35) 4-Chloro-3-methylphenol	11.804	107	520705	18.432	ng/ul	91
36) 2-Methylnaphthalene	12.169	142	1222262	18.788	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.392	142	1215387	18.805	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.534	216	554455	20.251	ng/ul	98
40) Hexachlorocyclopentadiene	12.516	237	299828	17.282	ng/ul	97
41) 2,4,6-Trichlorophenol	12.787	196	328793	20.829	ng/ul	98
42) 2,4,5-Trichlorophenol	12.857	196	349702	20.645	ng/ul	99
43) 1,1'-Biphenyl	13.192	154	1501583	20.020	ng/ul#	98
44) 2-Chloronaphthalene	13.228	162	1131947	20.034	ng/ul	99
45) 2-Nitroaniline	13.445	65	277182	23.122	ng/ul#	78
47) Dimethylphthalate	13.828	163	1225920	18.756	ng/ul	98
48) 2,6-Dinitrotoluene	13.945	165	214619	21.915	ng/ul	96
50) Acenaphthylene	14.081	152	1774060	19.447	ng/ul	98
51) 3-Nitroaniline	14.275	138	236443	20.139	ng/ul	88
52) Acenaphthene	14.422	153	1142098	19.403	ng/ul	98
53) 2,4-Dinitrophenol	14.481	184	70464	18.742	ng/ul#	79
55) 4-Nitrophenol	14.586	109	153760	18.969	ng/ul#	74
56) Dibenzofuran	14.763	168	1547487	19.193	ng/ul	96
57) 2,4-Dinitrotoluene	14.734	165	292166	22.327	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	14.992	232	235151	19.385	ng/ul	91
59) Diethylphthalate	15.204	149	1138429	17.520	ng/ul	97
61) Fluorene	15.416	166	1191191	18.528	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.416	204	554083	18.410	ng/ul	96
63) 4-Nitroaniline	15.445	138	227060	20.917	ng/ul#	75
66) 4,6-Dinitro-2-methylph...	15.492	198	116206	20.297	ng/ul#	97
67) N-Nitrosodiphenylamine	15.634	169	978024	20.192	ng/ul	98
68) 4-Bromophenyl-phenylether	16.316	248	304629	19.007	ng/ul	97
69) Hexachlorobenzene	16.416	284	351393	18.929	ng/ul	93
70) Atrazine	16.598	200	287060	17.875	ng/ul	97
71) Pentachlorophenol	16.775	266	159882	16.727	ng/ul	96
72) Phenanthrene	17.169	178	1703369	20.002	ng/ul	99
74) Anthracene	17.257	178	1699328	19.840	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.151	216	561642	21.283	ng/uL	96
76) Pentachlorobenzene	14.675	250	472953	20.897	ng/uL	98
77) Carbazole	17.539	167	1512503	19.618	ng/ul	99
78) Di-n-butylphthalate	18.104	149	1555924	16.935	ng/ul	99
80) Fluoranthene	19.151	202	1754022	17.661	ng/ul#	89
82) Pyrene	19.504	202	1818633	18.133	ng/ul#	85
83) Butylbenzylphthalate	20.398	149	615896	17.446	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.163	252	604268	19.743	ng/ul#	98
85) Benzo(a)anthracene	21.221	228	1812381	19.551	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.163	149	866673	15.503	ng/ul#	95
87) Chrysene	21.274	228	1766712	19.889	ng/ul	100
89) Di-n-octyl phthalate	22.080	149	1493253	14.702	ng/ul	100
90) Benzo(b)fluoranthene	22.880	252	2085613	19.599	ng/ul#	96
91) Benzo(k)fluoranthene	22.927	252	1938622	19.166	ng/ul#	96
93) Benzo(a)pyrene	23.492	252	2058284	19.884	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.045	276	2466161	19.744	ng/ul#	90
95) Dibenzo(a,h)anthracene	26.068	278	2130424	19.884	ng/ul#	92
96) Benzo(g,h,i)perylene	26.798	276	2076670	19.545	ng/ul#	89

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

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