Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015869.D
Acq On : 01 Jul 2023 05:16
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020779

Quant Time: Jul 01 06:31:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 30 22:30:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	313670	20.000	ng/ul	0.00
20) Naphthalene-d8	10.875	136	1386167	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.698	164	827348	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	1629595	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	1066781	20.000	ng/ul	# 0.00
88) Perylene-d12	24.098	264	1209266	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	65540	7.518	ng/uL	0.00
4) Pyridine-d5	3.817	84	468616	21.323	ng/ul	0.00
7) Phenol-d5	7.222	99	601597	22.416	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	385721	23.230	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	443695	21.901	ng/ul	0.00
15) 4-Methylphenol-d8	8.781	113	468411	22.093	ng/ul	0.00
21) Nitrobenzene-d5	9.234	128	226545	21.385	ng/ul	0.00
24) 2-Nitrophenol-d4	9.963	143	257368	20.816	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	460164	20.886	ng/ul	0.00
31) 4-Chloroaniline-d4	11.034	131	622383	21.990	ng/ul	0.00
46) Dimethylphthalate-d6	14.104	166	1318976	20.626	ng/ul	0.00
49) Acenaphthylene-d8	14.393	160	1522936	21.185	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	143227	16.972	ng/ul	0.00
60) Fluorene-d10	15.692	176	1085621	20.618	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	174558	17.418	ng/ul	0.00
73) Anthracene-d10	17.563	188	1560254	20.961	ng/ul	0.00
81) Pyrene-d10	19.792	212	1484959	21.318	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.927	264	1242796	20.373	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.411	88	73115	7.793	ng/uL	96
5) Pyridine	3.840	79	483434	21.027	ng/ul	95
6) Benzaldehyde	7.193	77	257819	23.761	ng/ul	97
8) Phenol	7.252	94	629076	22.588	ng/ul	90
10) Bis(2-Chloroethyl)ether	7.469	93	519332	23.437	ng/ul	100
12) 2-Chlorophenol	7.611	128	474794	22.059	ng/ul	99
13) 2-Methylphenol	8.510	108	478917	22.776	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.581	45	772734	25.532	ng/ul	98
16) Acetophenone	8.893	105	766766	22.000	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.863	70	433570	22.399	ng/ul	98
18) 4-Methylphenol	8.852	108	521696	23.091	ng/ul	98
19) Hexachloroethane	9.128	117	201643	20.284	ng/ul	93
22) Nitrobenzene	9.275	77	625231	21.017	ng/ul	97
23) Isophorone	9.805	82	1221886	21.463	ng/ul	98
25) 2-Nitrophenol	9.993	139	280168	21.351	ng/ul	91
26) 2,4-Dimethylphenol	10.052	107	582565	20.196	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.281	93	735125	22.874	ng/ul	99
29) 2,4-Dichlorophenol	10.540	162	464078	21.186	ng/ul	100
30) Naphthalene	10.922	128	1588277	21.077	ng/ul	100
32) 4-Chloroaniline	11.057	127	649442	22.086	ng/ul	100
33) Hexachlorobutadiene	11.187	225	287170	17.360	ng/ul	99
34) Caprolactam	11.857	113	151979	22.683	ng/ul	95
35) 4-Chloro-3-methylphenol	12.187	107	531807	20.741	ng/ul	98
36) 2-Methylnaphthalene	12.528	142	1058767	21.343	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.751	142	1056791	20.883	ng/ul#	100
39) 1,2,4,5-Tetrachloroben...	12.898	216	549338	20.149	ng/ul	99
40) Hexachlorocyclopentadiene	12.857	237	79931	9.800	ng/ul	99
41) 2,4,6-Trichlorophenol	13.151	196	358796	20.824	ng/ul	99
42) 2,4,5-Trichlorophenol	13.240	196	392509	21.477	ng/ul	98
43) 1,1'-Biphenyl	13.534	154	1419492	21.661	ng/ul	97
44) 2-Chloronaphthalene	13.581	162	1099023	21.289	ng/ul	98
45) 2-Nitroaniline	13.804	65	359117	22.108	ng/ul	94
47) Dimethylphthalate	14.151	163	1378063	20.823	ng/ul	98
48) 2,6-Dinitrotoluene	14.293	165	286971	21.377	ng/ul	98
50) Acenaphthylene	14.422	152	1713535	21.633	ng/ul	99
51) 3-Nitroaniline	14.640	138	241390	22.930	ng/ul	94
52) Acenaphthene	14.763	153	1172437	21.346	ng/ul	98
53) 2,4-Dinitrophenol	14.875	184	96071	13.489	ng/ul	84
55) 4-Nitrophenol	14.975	109	109200	12.487	ng/ul#	84
56) Dibenzofuran	15.098	168	1599043	20.972	ng/ul	96
57) 2,4-Dinitrotoluene	15.098	165	382282	20.897	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.340	232	305515	19.462	ng/ul	98
59) Diethylphthalate	15.510	149	1401563	20.928	ng/ul	98
61) Fluorene	15.751	166	1290370	20.864	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.734	204	638715	20.183	ng/ul	96
63) 4-Nitroaniline	15.810	138	153860	21.355	ng/ul	85
66) 4,6-Dinitro-2-methylph...	15.869	198	178338	17.588	ng/ul#	96
67) N-Nitrosodiphenylamine	15.957	169	1086546	22.272	ng/ul	100
68) 4-Bromophenyl-phenylether	16.634	248	383654	20.617	ng/ul	92
69) Hexachlorobenzene	16.763	284	428769	19.527	ng/ul	98
70) Atrazine	16.910	200	386572	20.701	ng/ul	96
71) Pentachlorophenol	17.122	266	195786	18.578	ng/ul	94
72) Phenanthrene	17.504	178	1875932	21.190	ng/ul	100
74) Anthracene	17.598	178	1904421	21.409	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.504	216	564724	21.297	ng/uL	99
76) Pentachlorobenzene	15.022	250	543217	20.298	ng/uL	98
77) Carbazole	17.881	167	1622626	21.642	ng/ul	99
78) Di-n-butylphthalate	18.386	149	2303841	23.178	ng/ul	99
80) Fluoranthene	19.463	202	1890981	21.843	ng/ul#	93
82) Pyrene	19.822	202	1881653	21.307	ng/ul#	91
83) Butylbenzylphthalate	20.663	149	883790	24.531	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.463	252	491616	20.386	ng/ul#	97
85) Benzo(a)anthracene	21.533	228	1590855	21.199	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.410	149	1298417	26.224	ng/ul#	99
87) Chrysene	21.592	228	1506512	21.160	ng/ul	100
89) Di-n-octyl phthalate	22.374	149	2032839	23.003	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	1586983	20.424	ng/ul#	98
91) Benzo(k)fluoranthene	23.357	252	1557592	19.840	ng/ul#	98
93) Benzo(a)pyrene	23.980	252	1403355	20.670	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.786	276	1902001	20.636	ng/ul#	91
95) Dibenzo(a,h)anthracene	26.792	278	1574303	20.795	ng/ul#	96
96) Benzo(g,h,i)perylene	27.627	276	1548737	20.425	ng/ul#	96

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

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