Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112724\
Data File : VY020463.D
Acq On : 27 Nov 2024 14:06
Operator : SY/MD
Sample : VY1127SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBSD01

Quant Time: Nov 28 01:00:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 20 04:38:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.720	168	170349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	269415	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	225700	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	105937	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	87489	44.703	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 89.400%			
35) Dibromofluoromethane	7.640	113	82622	47.826	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.660%			
50) Toluene-d8	10.109	98	329338	48.395	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.780%			
62) 4-Bromofluorobenzene	12.408	95	109619	50.108	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 100.220%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	39892	24.126	ug/l	99
3) Chloromethane	2.074	50	35228	12.835	ug/l	97
4) Vinyl Chloride	2.208	62	35385	15.599	ug/l	97
5) Bromomethane	2.598	94	20330	17.945	ug/l	96
6) Chloroethane	2.745	64	21107	15.950	ug/l	95
7) Trichlorofluoromethane	3.068	101	67499	21.413	ug/l	96
8) Diethyl Ether	3.458	74	17771	17.867	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.824	101	39125	20.841	ug/l	99
10) Methyl Iodide	4.013	142	41765	16.609	ug/l	94
11) Tert butyl alcohol	4.879	59	12387	80.706	ug/l	97
12) 1,1-Dichloroethene	3.799	96	34799	18.726	ug/l	98
13) Acrolein	3.659	56	11874	97.981	ug/l	100
14) Allyl chloride	4.397	41	63364	17.633	ug/l	97
15) Acrylonitrile	5.074	53	38511	87.592	ug/l	98
16) Acetone	3.879	43	40256	85.801	ug/l	96
17) Carbon Disulfide	4.117	76	100615	16.071	ug/l	99
18) Methyl Acetate	4.397	43	17341	15.856	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	91914	19.040	ug/l	96
20) Methylene Chloride	4.629	84	37245	18.746	ug/l	98
21) trans-1,2-Dichloroethene	5.128	96	39928	19.345	ug/l #	89
22) Diisopropyl ether	6.031	45	131354	18.549	ug/l	97
23) Vinyl Acetate	5.970	43	343161	86.712	ug/l	99
24) 1,1-Dichloroethane	5.927	63	76494	19.134	ug/l	99
25) 2-Butanone	6.903	43	55109	91.238	ug/l	100
26) 2,2-Dichloropropane	6.896	77	71085	21.513	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	46032	20.249	ug/l	99
28) Bromochloromethane	7.256	49	28284	16.810	ug/l	97
29) Tetrahydrofuran	7.268	42	31144	86.270	ug/l	99
30) Chloroform	7.427	83	80182	20.770	ug/l	99
31) Cyclohexane	7.713	56	69414	19.026	ug/l #	92
32) 1,1,1-Trichloroethane	7.628	97	75365	22.233	ug/l	98
36) 1,1-Dichloropropene	7.841	75	57378	21.745	ug/l	99
37) Ethyl Acetate	6.994	43	23006	19.033	ug/l	99
38) Carbon Tetrachloride	7.823	117	70412	25.558	ug/l	100
39) Methylcyclohexane	9.116	83	73221	22.173	ug/l	95
40) Benzene	8.085	78	168542	21.796	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.232	41	14458	21.022	ug/l		94
42) 1,2-Dichloroethane	8.165	62	45544	21.820	ug/l		98
43) Isopropyl Acetate	8.201	43	45215	19.235	ug/l	#	89
44) Trichloroethene	8.872	130	41083	22.424	ug/l		95
45) 1,2-Dichloropropane	9.146	63	38670	20.961	ug/l		94
46) Dibromomethane	9.238	93	20450	21.627	ug/l		97
47) Bromodichloromethane	9.427	83	58006	22.222	ug/l		99
48) Methyl methacrylate	9.225	41	21132	18.803	ug/l		97
49) 1,4-Dioxane	9.238	88	4007	411.890	ug/l		93
51) 4-Methyl-2-Pentanone	10.000	43	112595	94.387	ug/l		99
52) Toluene	10.176	92	105889	22.404	ug/l		100
53) t-1,3-Dichloropropene	10.396	75	50984	20.654	ug/l		98
54) cis-1,3-Dichloropropene	9.859	75	61776	21.862	ug/l		97
55) 1,1,2-Trichloroethane	10.579	97	26465	21.085	ug/l		96
56) Ethyl methacrylate	10.445	69	37098	19.680	ug/l		95
57) 1,3-Dichloropropane	10.719	76	46052	20.415	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.713	63	78878	88.249	ug/l		99
59) 2-Hexanone	10.762	43	81072	95.977	ug/l		98
60) Dibromochloromethane	10.914	129	36702	22.685	ug/l		99
61) 1,2-Dibromoethane	11.018	107	23348	20.074	ug/l		100
64) Tetrachloroethene	10.652	164	37874	23.279	ug/l		92
65) Chlorobenzene	11.444	112	109997	21.858	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.518	131	39701	23.616	ug/l		98
67) Ethyl Benzene	11.524	91	208741	22.484	ug/l		99
68) m/p-Xylenes	11.633	106	153753	45.978	ug/l		99
69) o-Xylene	11.957	106	71385	22.506	ug/l		98
70) Styrene	11.975	104	119870	22.747	ug/l		99
71) Bromoform	12.133	173	19815	22.616	ug/l	#	100
73) Isopropylbenzene	12.255	105	201193	22.419	ug/l		100
74) N-amyl acetate	12.072	43	38419	17.715	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.511	83	28695	19.785	ug/l		99
76) 1,2,3-Trichloropropane	12.560	75	18460m	18.488	ug/l		
77) Bromobenzene	12.536	156	39863	21.202	ug/l		98
78) n-propylbenzene	12.597	91	242487	22.515	ug/l		99
79) 2-Chlorotoluene	12.682	91	137096	22.139	ug/l		99
80) 1,3,5-Trimethylbenzene	12.737	105	164206	22.641	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.310	75	9735	19.104	ug/l		98
82) 4-Chlorotoluene	12.780	91	137536	21.521	ug/l		99
83) tert-Butylbenzene	12.999	119	146660	22.915	ug/l		97
84) 1,2,4-Trimethylbenzene	13.048	105	158547	22.050	ug/l		99
85) sec-Butylbenzene	13.176	105	212523	21.063	ug/l		99
86) p-Isopropyltoluene	13.292	119	180413	23.126	ug/l		99
87) 1,3-Dichlorobenzene	13.292	146	81574	21.457	ug/l		100
88) 1,4-Dichlorobenzene	13.371	146	79228	21.812	ug/l		98
89) n-Butylbenzene	13.621	91	164150	21.972	ug/l		99
90) Hexachloroethane	13.883	117	33346	22.146	ug/l		96
91) 1,2-Dichlorobenzene	13.664	146	69893	22.066	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	4213	17.702	ug/l		98
93) 1,2,4-Trichlorobenzene	14.926	180	38188	19.940	ug/l		99
94) Hexachlorobutadiene	15.029	225	26651	22.798	ug/l		99
95) Naphthalene	15.151	128	59585	18.065	ug/l		100
96) 1,2,3-Trichlorobenzene	15.334	180	31272	19.097	ug/l		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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