Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012423\
Data File : VD075183.D
Acq On : 24 Jan 2023 12:52
Operator : KP/SY
Sample : VD0124SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 25 00:32:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 19 01:32:27 2023
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VD0124SBS01

Manual Integrations APPROVED
Reviewed By :Krupa Patel 01/25/2023
Supervised By :Mahesh Dadoda 01/26/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.881	168	71484	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	126877	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	113607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	52567	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	39099	53.601	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.200%			
35) Dibromofluoromethane	7.810	113	39955	52.114	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.220%			
50) Toluene-d8	10.269	98	161636	53.545	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.080%			
62) 4-Bromofluorobenzene	12.575	95	50170	52.367	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.740%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	14426	24.163	ug/l	99
3) Chloromethane	2.146	50	21061	22.808	ug/l	97
4) Vinyl Chloride	2.281	62	20579	20.769	ug/l	97
5) Bromomethane	2.681	94	14446	21.438	ug/l	98
6) Chloroethane	2.828	64	14287	20.795	ug/l	97
7) Trichlorofluoromethane	3.175	101	28506	22.634	ug/l	98
8) Diethyl Ether	3.593	74	8299	20.451	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.969	101	17343	22.306	ug/l	98
10) Methyl Iodide	4.163	142	16994	16.237	ug/l	98
11) Tert butyl alcohol	5.052	59	4655	91.476	ug/l #	89
12) 1,1-Dichloroethene	3.940	96	17798	21.744	ug/l	89
13) Acrolein	3.799	56	5844	124.967	ug/l	94
14) Allyl chloride	4.563	41	28962	21.803	ug/l	99
15) Acrylonitrile	5.258	53	18468	107.629	ug/l	99
16) Acetone	4.022	43	19549	101.613	ug/l	95
17) Carbon Disulfide	4.269	76	58440	22.013	ug/l	97
18) Methyl Acetate	4.569	43	11192	21.402	ug/l	98
19) Methyl tert-butyl Ether	5.316	73	35390	20.698	ug/l	97
20) Methylene Chloride	4.805	84	24561	19.750	ug/l	96
21) trans-1,2-Dichloroethene	5.305	96	20016	21.967	ug/l	86
22) Diisopropyl ether	6.216	45	53280	21.550	ug/l #	96
23) Vinyl Acetate	6.157	43	124548	114.298	ug/l	100
24) 1,1-Dichloroethane	6.110	63	34031	21.903	ug/l	98
25) 2-Butanone	7.081	43	24975	107.410	ug/l	92
26) 2,2-Dichloropropane	7.081	77	28073	20.268	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	21392	21.537	ug/l	98
28) Bromochloromethane	7.428	49	9850	23.219	ug/l #	91
29) Tetrahydrofuran	7.446	42	14640	110.390	ug/l	96
30) Chloroform	7.593	83	33572	21.668	ug/l	97
31) Cyclohexane	7.881	56	32333	22.101	ug/l	97
32) 1,1,1-Trichloroethane	7.799	97	27997	20.974	ug/l	97
36) 1,1-Dichloropropene	8.010	75	26373	21.410	ug/l	99
37) Ethyl Acetate	7.163	43	10260	20.674	ug/l #	93
38) Carbon Tetrachloride	7.999	117	22296	21.497	ug/l #	91
39) Methylcyclohexane	9.275	83	33994	22.393	ug/l	94
40) Benzene	8.251	78	78483	22.341	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.399	41	4935	16.526	ug/l	#	87
42) 1,2-Dichloroethane	8.328	62	19285	20.899	ug/l		98
43) Isopropyl Acetate	8.357	43	19452	20.142	ug/l		98
44) Trichloroethene	9.028	130	20370	20.621	ug/l		87
45) 1,2-Dichloropropane	9.304	63	18472	21.347	ug/l		95
46) Dibromomethane	9.393	93	9798	21.470	ug/l		96
47) Bromodichloromethane	9.587	83	24091	21.278	ug/l		97
48) Methyl methacrylate	9.381	41	9495	20.106	ug/l		99
49) 1,4-Dioxane	9.387	88	1745	400.528	ug/l		95
51) 4-Methyl-2-Pentanone	10.163	43	49427	106.578	ug/l		98
52) Toluene	10.334	92	47083	21.209	ug/l		96
53) t-1,3-Dichloropropene	10.557	75	22107	20.638	ug/l		99
54) cis-1,3-Dichloropropene	10.022	75	27839	21.273	ug/l		98
55) 1,1,2-Trichloroethane	10.734	97	12847	21.272	ug/l		94
56) Ethyl methacrylate	10.598	69	14693	20.230	ug/l		95
57) 1,3-Dichloropropane	10.881	76	22266	21.455	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.869	63	29702	119.512	ug/l		97
59) 2-Hexanone	10.922	43	35532	105.962	ug/l		100
60) Dibromochloromethane	11.081	129	14940	20.523	ug/l		98
61) 1,2-Dibromoethane	11.175	107	11924	20.664	ug/l		98
64) Tetrachloroethene	10.810	164	16384	20.195	ug/l		96
65) Chlorobenzene	11.610	112	48617	20.884	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.681	131	15933	20.348	ug/l		99
67) Ethyl Benzene	11.687	91	87981	20.996	ug/l		99
68) m/p-Xylenes	11.798	106	69114	42.696	ug/l		98
69) o-Xylene	12.122	106	33017	21.744	ug/l		96
70) Styrene	12.140	104	53576	21.225	ug/l		99
71) Bromoform	12.298	173	8212	20.310	ug/l	#	97
73) Isopropylbenzene	12.428	105	83671	20.151	ug/l		100
74) N-amyl acetate	12.234	43	17158	18.864	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.675	83	14163	21.408	ug/l		99
76) 1,2,3-Trichloropropane	12.728	75	8953m	20.110	ug/l		
77) Bromobenzene	12.704	156	17629	18.588	ug/l		84
78) n-propylbenzene	12.769	91	107765	21.121	ug/l		98
79) 2-Chlorotoluene	12.851	91	57504	20.491	ug/l		99
80) 1,3,5-Trimethylbenzene	12.904	105	69546	20.443	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.475	75	4130	21.518	ug/l		98
82) 4-Chlorotoluene	12.951	91	59589	20.653	ug/l		100
83) tert-Butylbenzene	13.169	119	61836	21.008	ug/l		97
84) 1,2,4-Trimethylbenzene	13.216	105	67452	20.190	ug/l		99
85) sec-Butylbenzene	13.345	105	94098	21.044	ug/l		96
86) p-Isopropyltoluene	13.463	119	74716	20.410	ug/l		99
87) 1,3-Dichlorobenzene	13.463	146	37590	20.447	ug/l		98
88) 1,4-Dichlorobenzene	13.539	146	38052	21.037	ug/l		99
89) n-Butylbenzene	13.792	91	74274	20.821	ug/l		98
90) Hexachloroethane	14.057	117	13215	20.442	ug/l		93
91) 1,2-Dichlorobenzene	13.834	146	32279	20.522	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	2064	20.405	ug/l		96
93) 1,2,4-Trichlorobenzene	15.104	180	18552	17.962	ug/l		97
94) Hexachlorobutadiene	15.204	225	9270	18.314	ug/l		96
95) Naphthalene	15.339	128	36062	17.539	ug/l		99
96) 1,2,3-Trichlorobenzene	15.522	180	16256	18.446	ug/l		98

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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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