Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120321\
Data File : VY006927.D
Acq On : 03 Dec 2021 20:17
Operator : SY/MD
Sample : VSTDICV025
Misc : 5.00g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VICV806

Quant Time: Dec 04 02:34:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLM120321SMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 04 02:26:29 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	194112	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.490	117	181712	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	91120	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	69975	27.990	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 111.960%			
7) Chloroethane-d5	2.772	69	51619	26.321	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.280%			
11) 1,1-Dichloroethene-d2	3.857	63	139974	26.932	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 107.720%			
21) 2-Butanone-d5	6.893	46	45503	47.124	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 94.240%			
24) Chloroform-d	7.478	84	123423	25.514	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 102.040%			
26) 1,2-Dichloroethane-d4	8.143	65	73225	25.218	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.880%			
32) Benzene-d6	8.112	84	243313	25.207	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 100.840%			
36) 1,2-Dichloropropane-d6	9.124	67	77506	25.556	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 102.240%			
41) Toluene-d8	10.179	98	227754	25.193	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.760%			
43) trans-1,3-Dichloroprop...	10.441	79	36990	25.216	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.880%			
47) 2-Hexanone-d5	10.788	63	33422	47.615	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 95.240%			
56) 1,1,2,2-Tetrachloroeth...	12.563	84	59024	23.361	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 93.440%			
66) 1,2-Dichlorobenzene-d4	13.721	152	69572	23.413	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 93.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.918	85	26282	21.446	ug/L	89
3) Chloromethane	2.119	50	58727	24.965	ug/L	100
5) Vinyl chloride	2.260	62	96242	27.775	ug/L	96
6) Bromomethane	2.662	94	54359	25.954	ug/L	98
8) Chloroethane	2.802	64	54859	26.682	ug/L	95
9) Trichlorofluoromethane	3.131	101	65746	26.127	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.906	101	65238	26.742	ug/L	97
12) 1,1-Dichloroethene	3.875	96	70579	26.869	ug/L	94
13) Acetone	3.948	43	42832	48.401	ug/L	98
14) Carbon disulfide	4.198	76	234918	27.128	ug/L	99
15) Methyl Acetate	4.473	43	49855	25.841	ug/L	97
16) Methylene chloride	4.716	84	82237	23.624	ug/L	92
17) trans-1,2-Dichloroethene	5.216	96	75119	26.820	ug/L	96
18) Methyl tert-butyl Ether	5.222	73	141236	27.954	ug/L	99
19) 1,1-Dichloroethane	6.021	63	145990	27.713	ug/L	97
20) cis-1,2-Dichloroethene	6.984	96	82272	27.394	ug/L	97
22) 2-Butanone	6.990	43	63993	51.694	ug/L	97
23) Bromochloromethane	7.338	128	37071	27.049	ug/L	92
25) Chloroform	7.509	83	145350	27.388	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.240	62	104751	27.237	ug/L	100
29) Cyclohexane	7.789	56	141179	27.876	ug/L	96
30) 1,1,1-Trichloroethane	7.704	97	123141	26.639	ug/L	99
31) Carbon tetrachloride	7.899	117	114824	26.034	ug/L	99
33) Benzene	8.161	78	330756	27.074	ug/L	100
34) Trichloroethene	8.941	95	80050	26.603	ug/L	96
35) Methylcyclohexane	9.185	83	143742	26.659	ug/L	96
37) 1,2-Dichloropropane	9.216	63	85983	27.456	ug/L	98
38) Bromodichloromethane	9.496	83	110072	27.129	ug/L	97
39) cis-1,3-Dichloropropene	9.929	75	132711	26.996	ug/L	99
40) 4-Methyl-2-pentanone	10.069	43	145589	53.301	ug/L	99
42) Toluene	10.246	91	352382	27.037	ug/L	98
44) trans-1,3-Dichloropropene	10.465	75	123645	26.915	ug/L	97
45) 1,1,2-Trichloroethane	10.648	97	60897	26.393	ug/L	98
46) Tetrachloroethene	10.721	164	65570	26.009	ug/L	99
48) 2-Hexanone	10.831	43	101126	56.102	ug/L	99
49) Dibromochloromethane	10.984	129	73997	26.353	ug/L	94
50) 1,2-Dibromoethane	11.087	107	57271	26.227	ug/L	97
51) Chlorobenzene	11.514	112	212786	26.769	ug/L	97
52) Ethylbenzene	11.593	91	378515	27.018	ug/L	100
53) m,p-Xylene	11.703	106	143544	27.086	ug/L	100
54) o-Xylene	12.032	106	135307	27.141	ug/L	98
55) Styrene	12.044	104	238729	27.370	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.581	83	73849	26.527	ug/L	98
59) Bromoform	12.209	173	46907	25.242	ug/L	98
60) Isopropylbenzene	12.331	105	356236	26.716	ug/L	100
61) 1,2,3-Trichloropropane	12.636	75	56974	25.724	ug/L	98
62) 1,3,5-Trimethylbenzene	12.813	105	293922	26.809	ug/L	99
63) 1,2,4-Trimethylbenzene	13.117	105	293857	27.402	ug/L	100
64) 1,3-Dichlorobenzene	13.367	146	156078	26.008	ug/L	100
65) 1,4-Dichlorobenzene	13.447	146	160026	26.169	ug/L	99
67) 1,2-Dichlorobenzene	13.739	146	143054	26.621	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.355	75	11888	24.928	ug/L	86
69) 1,3,5-Trichlorobenzene	14.501	180	108883	26.661	ug/L	100
70) 1,2,4-trichlorobenzene	15.007	180	86052	26.125	ug/L	99
71) Naphthalene	15.233	128	178250	27.007	ug/L	100
72) 1,2,3-Trichlorobenzene	15.422	180	74546	26.784	ug/L	100

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

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