Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042022\
Data File : VW022582.D
Acq On : 20 Apr 2022 09:49
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/22/2022
Supervised By :Mahesh Dadoda 04/26/2022

Quant Time: Apr 21 01:12:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Apr 20 01:25:38 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	341631	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	338942	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	186330	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	164902	21.834	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.320%			
7) Chloroethane-d5	2.892	69	113157	23.907	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.640%			
11) 1,1-Dichloroethene-d2	4.026	63	252729	25.800	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 103.200%			
21) 2-Butanone-d5	7.086	46	53894	40.874	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 81.740%			
24) Chloroform-d	7.653	84	271967	25.469	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 101.880%			
26) 1,2-Dichloroethane-d4	8.305	65	139871	22.925	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.720%			
32) Benzene-d6	8.275	84	514671	24.854	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 99.400%			
36) 1,2-Dichloropropane-d6	9.275	67	145645	24.304	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.200%			
41) Toluene-d8	10.323	98	509342	25.114	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.440%			
43) trans-1,3-Dichloroprop...	10.573	79	61783	21.845	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 87.400%			
47) 2-Hexanone-d5	10.921	63	45845	41.118	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 82.240%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	115691	22.705	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 90.800%			
66) 1,2-Dichlorobenzene-d4	13.853	152	174569	26.451	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 105.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	33491m	19.998	ug/L	
3) Chloromethane	2.221	50	79801	19.112	ug/L	99
5) Vinyl chloride	2.367	62	185558	21.298	ug/L	96
6) Bromomethane	2.788	94	109273	20.632	ug/L	98
8) Chloroethane	2.928	64	91831	24.076	ug/L	99
9) Trichlorofluoromethane	3.263	101	99517	30.939	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	138047	26.952	ug/L #	52
12) 1,1-Dichloroethene	4.044	96	124007	26.959	ug/L	93
13) Acetone	4.123	43	39863	44.403	ug/L	92
14) Carbon disulfide	4.391	76	312315	20.639	ug/L	99
15) Methyl Acetate	4.672	43	46729	20.742	ug/L	92
16) Methylene chloride	4.922	84	128890	25.073	ug/L	88
17) trans-1,2-Dichloroethene	5.428	96	135471	25.141	ug/L	94
18) Methyl tert-butyl Ether	5.428	73	216811	24.636	ug/L	96
19) 1,1-Dichloroethane	6.220	63	240147	24.425	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	151480	26.617	ug/L #	87
22) 2-Butanone	7.171	43	62380	46.006	ug/L	96
23) Bromochloromethane	7.519	128	65465	26.728	ug/L	89
25) Chloroform	7.677	83	269197	25.995	ug/L	99

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	169666	23.311 ug/L #	94
29) Cyclohexane	7.958	56	209843	21.631 ug/L	94
30) 1,1,1-Trichloroethane	7.872	97	236224	25.125 ug/L	97
31) Carbon tetrachloride	8.074	117	216695	25.679 ug/L	97
33) Benzene	8.324	78	557347	24.220 ug/L	100
34) Trichloroethene	9.092	95	155865	25.296 ug/L	98
35) Methylcyclohexane	9.336	83	256784	23.229 ug/L	95
37) 1,2-Dichloropropane	9.366	63	133477	24.212 ug/L	100
38) Bromodichloromethane	9.646	83	194245	24.502 ug/L #	98
39) cis-1,3-Dichloropropene	10.073	75	220463	25.202 ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	144889	43.066 ug/L	95
42) Toluene	10.384	91	640396	24.286 ug/L	94
44) trans-1,3-Dichloropropene	10.604	75	188581	24.076 ug/L	98
45) 1,1,2-Trichloroethane	10.787	97	106263	25.256 ug/L	96
46) Tetrachloroethene	10.860	164	118124	26.081 ug/L	91
48) 2-Hexanone	10.969	43	98196	41.371 ug/L	95
49) Dibromochloromethane	11.128	129	136942	27.291 ug/L	96
50) 1,2-Dibromoethane	11.232	107	103870	25.001 ug/L	99
51) Chlorobenzene	11.652	112	424529	26.345 ug/L	96
52) Ethylbenzene	11.731	91	742856	25.133 ug/L	97
53) m,p-Xylene	11.841	106	294926	26.243 ug/L	88
54) o-Xylene	12.164	106	279056	25.984 ug/L	97
55) Styrene	12.177	104	475367	25.908 ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	124467	24.102 ug/L	99
59) Bromoform	12.347	173	70251	25.373 ug/L #	96
60) Isopropylbenzene	12.463	105	787202	25.433 ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	91721	23.141 ug/L	98
62) 1,3,5-Trimethylbenzene	12.939	105	456163	26.798 ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	661893	25.570 ug/L	95
64) 1,3-Dichlorobenzene	13.493	146	334533	26.631 ug/L	94
65) 1,4-Dichlorobenzene	13.573	146	329148	26.273 ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	301220	26.812 ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	20352	22.139 ug/L #	80
69) 1,3,5-Trichlorobenzene	14.627	180	220018	26.844 ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	177040	25.720 ug/L	96
71) Naphthalene	15.359	128	352842	24.303 ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	147483	25.066 ug/L	92

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

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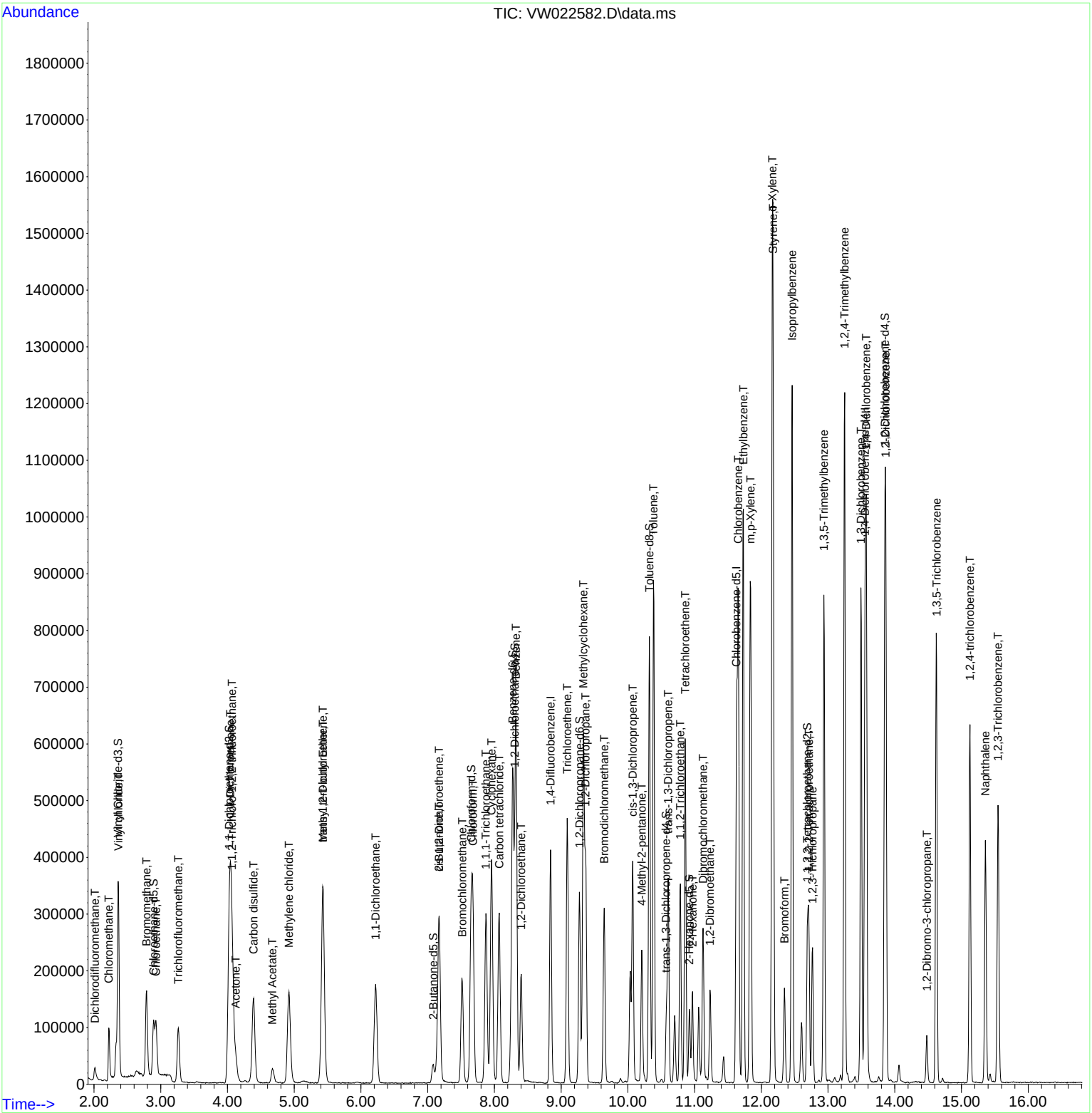
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