Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010925\
Data File : VD080195.D
Acq On : 09 Jan 2025 15:04
Operator : RP/MD
Sample : VSTDICV025
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 09 20:19:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM010925SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Jan 09 20:13:33 2025
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VICV869

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	242700	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	230234	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	122520	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	181798	25.540	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.160%			
7) Chloroethane-d5	2.805	69	155460	26.875	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 107.520%			
11) 1,1-Dichloroethene-d2	3.917	65	42610	24.807	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 99.240%			
21) 2-Butanone-d5	6.993	46	38217	46.412	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.820%			
24) Chloroform-d	7.569	84	187393	24.605	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.400%			
26) 1,2-Dichloroethane-d4	8.234	65	102114	25.597	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.400%			
32) Benzene-d6	8.205	84	385753	25.953	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 103.800%			
36) 1,2-Dichloropropane-d6	9.210	67	123548	25.114	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.440%			
41) Toluene-d8	10.269	98	366195	27.033	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 108.120%			
43) trans-1,3-Dichloroprop...	10.528	79	50233	24.992	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 99.960%			
47) 2-Hexanone-d5	10.881	63	31673	51.661	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 103.320%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	94411	25.611	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 102.440%			
66) 1,2-Dichlorobenzene-d4	13.816	152	115932	25.171	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.680%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	92098	19.120	ug/L	99
3) Chloromethane	2.152	50	131529	20.030	ug/L	96
5) Vinyl chloride	2.287	62	167583	20.798	ug/L	98
6) Bromomethane	2.699	94	94802	20.203	ug/L	100
8) Chloroethane	2.840	64	105413	21.327	ug/L	96
9) Trichlorofluoromethane	3.181	101	141741	21.171	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.970	101	82004	21.468	ug/L	99
12) 1,1-Dichloroethene	3.946	96	70319	20.624	ug/L	96
13) Acetone	4.034	43	23027	35.353	ug/L	87
14) Carbon disulfide	4.275	76	266093	20.939	ug/L	99
15) Methyl Acetate	4.575	43	31417m	19.274	ug/L	
16) Methylene chloride	4.805	84	83892	20.362	ug/L	100
17) trans-1,2-Dichloroethene	5.322	96	79723	21.494	ug/L	92
18) Methyl tert-butyl Ether	5.328	73	142633	20.182	ug/L	99
19) 1,1-Dichloroethane	6.116	63	149315	20.852	ug/L	95
20) cis-1,2-Dichloroethene	7.087	96	81940	21.007	ug/L	95
22) 2-Butanone	7.087	43	35045	37.764	ug/L	100
23) Bromochloromethane	7.434	128	38479	20.399	ug/L	92
25) Chloroform	7.599	83	169937	21.413	ug/L	96

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27)	1,2-Dichloroethane	8.328	62	95614	20.653	ug/L		96
29)	Cyclohexane	7.881	56	126824	21.894	ug/L		99
30)	1,1,1-Trichloroethane	7.799	97	130088	21.327	ug/L		100
31)	Carbon tetrachloride	7.999	117	117389	21.805	ug/L		98
33)	Benzene	8.252	78	331168	21.153	ug/L		100
34)	Trichloroethene	9.028	95	86804	21.409	ug/L		97
35)	Methylcyclohexane	9.275	83	136886	22.704	ug/L		98
37)	1,2-Dichloropropane	9.310	63	91569	21.468	ug/L		100
38)	Bromodichloromethane	9.587	83	114994	21.504	ug/L		97
39)	cis-1,3-Dichloropropene	10.022	75	132535	21.984	ug/L		98
40)	4-Methyl-2-pentanone	10.163	43	84636	40.422	ug/L		99
42)	Toluene	10.334	91	372464	22.771	ug/L		96
44)	trans-1,3-Dichloropropene	10.552	75	113946	21.886	ug/L		98
45)	1,1,2-Trichloroethane	10.734	97	64745	20.790	ug/L		95
46)	Tetrachloroethene	10.810	164	71030	21.742	ug/L		91
48)	2-Hexanone	10.922	43	60744	42.549	ug/L	#	98
49)	Dibromochloromethane	11.075	129	74270	21.414	ug/L		98
50)	1,2-Dibromoethane	11.181	107	58738	20.753	ug/L		94
51)	Chlorobenzene	11.610	112	220088	20.989	ug/L		99
52)	Ethylbenzene	11.687	91	389713	22.204	ug/L		99
53)	m,p-Xylene	11.793	106	148631	22.659	ug/L		98
54)	o-Xylene	12.122	106	136680	22.274	ug/L		94
55)	Styrene	12.134	104	251739	22.651	ug/L		97
57)	1,1,2,2-Tetrachloroethane	12.675	83	74631	21.139	ug/L	#	89
59)	Bromoform	12.299	173	45348	20.628	ug/L		97
60)	Isopropylbenzene	12.422	105	374843	21.937	ug/L		99
61)	1,2,3-Trichloropropane	12.728	75	50696	19.568	ug/L		98
62)	1,3,5-Trimethylbenzene	12.904	105	290070	21.302	ug/L		100
63)	1,2,4-Trimethylbenzene	13.216	105	290880	21.897	ug/L		99
64)	1,3-Dichlorobenzene	13.457	146	174446	20.870	ug/L		97
65)	1,4-Dichlorobenzene	13.540	146	183954	21.314	ug/L		99
67)	1,2-Dichlorobenzene	13.834	146	154723	20.665	ug/L		96
68)	1,2-Dibromo-3-chloropr...	14.445	75	10568	18.759	ug/L		93
69)	1,3,5-Trichlorobenzene	14.592	180	116031	20.414	ug/L		99
70)	1,2,4-trichlorobenzene	15.098	180	91769	19.786	ug/L		100
71)	Naphthalene	15.334	128	160426	19.658	ug/L		98
72)	1,2,3-Trichlorobenzene	15.522	180	87992	20.426	ug/L		100

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

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