

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121124\
 Data File : VD080127.D
 Acq On : 11 Dec 2024 13:58
 Operator : RP/MD
 Sample : VSTDICV025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VICV861

Quant Time: Dec 12 00:52:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM121124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 12 00:43:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	205817	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	195104	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	105038	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	84123	25.645	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 102.600%	
7) Chloroethane-d5	2.793	69	76786	26.251	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 105.000%	
11) 1,1-Dichloroethene-d2	3.911	65	32960	26.178	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 104.720%	
21) 2-Butanone-d5	6.981	46	43770	59.760	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	= 119.520%	
24) Chloroform-d	7.569	84	170700	30.038	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 120.160%	
26) 1,2-Dichloroethane-d4	8.228	65	82666	27.489	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 109.960%	
32) Benzene-d6	8.199	84	286281	24.693	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 98.760%	
36) 1,2-Dichloropropane-d6	9.210	67	96729	24.572	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 98.280%	
41) Toluene-d8	10.269	98	261498	23.875	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 95.480%	
43) trans-1,3-Dichloroprop...	10.522	79	39830	24.712	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 98.840%	
47) 2-Hexanone-d5	10.875	63	32582	54.728	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 109.460%	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	86652	25.723	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 102.880%	
66) 1,2-Dichlorobenzene-d4	13.816	152	89159	23.510	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 94.040%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	99008	26.097	ug/L	99
3) Chloromethane	2.152	50	82857	27.789	ug/L	99
5) Vinyl chloride	2.275	62	104981	25.466	ug/L	95
6) Bromomethane	2.687	94	62470	22.738	ug/L	99
8) Chloroethane	2.828	64	64568	23.496	ug/L	86
9) Trichlorofluoromethane	3.164	101	149370	24.830	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	88663	24.868	ug/L	96
12) 1,1-Dichloroethene	3.934	96	79367	25.501	ug/L	94
13) Acetone	4.028	43	57782	46.547	ug/L	99
14) Carbon disulfide	4.263	76	277436	27.477	ug/L	99
15) Methyl Acetate	4.563	43	37807	25.847	ug/L	94
16) Methylene chloride	4.799	84	99340	28.096	ug/L	92
17) trans-1,2-Dichloroethene	5.310	96	89141	28.290	ug/L	92
18) Methyl tert-butyl Ether	5.322	73	192899	28.459	ug/L #	79
19) 1,1-Dichloroethane	6.110	63	162422	27.028	ug/L	97
20) cis-1,2-Dichloroethene	7.075	96	98521	29.094	ug/L	92
22) 2-Butanone	7.087	43	67486	54.983	ug/L	99
23) Bromochloromethane	7.428	128	46223	28.005	ug/L	97
25) Chloroform	7.593	83	178279	26.239	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	96908	24.939	ug/L	98
29) Cyclohexane	7.881	56	103438	22.274	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	116188	20.564	ug/L	99
31) Carbon tetrachloride	7.987	117	98256	20.981	ug/L	99
33) Benzene	8.246	78	311251	22.088	ug/L	100
34) Trichloroethene	9.028	95	75460	19.703	ug/L	98
35) Methylcyclohexane	9.275	83	111989	20.861	ug/L	96
37) 1,2-Dichloropropane	9.304	63	87087	21.569	ug/L	99
38) Bromodichloromethane	9.581	83	107745	21.165	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	125883	21.847	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	103788	46.491	ug/L	98
42) Toluene	10.334	91	332536	21.752	ug/L	95
44) trans-1,3-Dichloropropene	10.551	75	110384	23.256	ug/L	100
45) 1,1,2-Trichloroethane	10.734	97	64791	22.313	ug/L	95
46) Tetrachloroethene	10.810	164	58313	21.984	ug/L	95
48) 2-Hexanone	10.922	43	85349	46.804	ug/L	98
49) Dibromochloromethane	11.075	129	69937	22.187	ug/L	99
50) 1,2-Dibromoethane	11.175	107	57011	22.142	ug/L	96
51) Chlorobenzene	11.604	112	203373	22.226	ug/L	96
52) Ethylbenzene	11.681	91	339665	22.374	ug/L	97
53) m,p-Xylene	11.792	106	126296	21.759	ug/L	94
54) o-Xylene	12.122	106	123213	22.126	ug/L	97
55) Styrene	12.134	104	231549	22.973	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.669	83	80329	21.713	ug/L	96
59) Bromoform	12.298	173	43356	21.459	ug/L	98
60) Isopropylbenzene	12.422	105	323486	21.637	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	53572	21.589	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	257015	20.620	ug/L	98
63) 1,2,4-Trimethylbenzene	13.210	105	259053	21.844	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	157290	21.629	ug/L	94
65) 1,4-Dichlorobenzene	13.534	146	165186	21.071	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	144356	20.557	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	11810	22.608	ug/L	88
69) 1,3,5-Trichlorobenzene	14.592	180	103118	20.527	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	85537	21.300	ug/L	98
71) Naphthalene	15.333	128	163987	21.495	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	82606	20.439	ug/L	97

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

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