

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121124\
 Data File : VD080124.D
 Acq On : 11 Dec 2024 10:25
 Operator : RP/MD
 Sample : VSTD02558
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025858

Quant Time: Dec 12 00:21:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM121124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 12 00:19:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	239808	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	194945	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	133550	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	85379	22.339	ug/L	0.00
7) Chloroethane-d5	2.799	69	77329	22.689	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.910	65	33689	22.923	ug/L	0.00
21) 2-Butanone-d5	6.993	46	34781	43.191	ug/L	0.00
24) Chloroform-d	7.569	84	161214	24.348	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	79227	22.611	ug/L	0.00
32) Benzene-d6	8.198	84	287721	24.838	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	104808	26.646	ug/L	0.00
41) Toluene-d8	10.269	98	306228	27.981	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	38657	24.004	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	29357	49.351	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.645	84	82349	24.466	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.810	152	113070	23.450	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	111382	25.197	ug/L	100
3) Chloromethane	2.152	50	79074	22.761	ug/L	100
5) Vinyl chloride	2.281	62	110154	22.934	ug/L	100
6) Bromomethane	2.687	94	70235	21.941	ug/L	100
8) Chloroethane	2.834	64	71019	22.180	ug/L	100
9) Trichlorofluoromethane	3.169	101	163648	23.347	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.957	101	92389	22.240	ug/L	100
12) 1,1-Dichloroethene	3.934	96	79272	21.861	ug/L	100
13) Acetone	4.028	43	57050	39.386	ug/L	99
14) Carbon disulfide	4.269	76	253867	21.579	ug/L	100
15) Methyl Acetate	4.569	43	33899	19.519	ug/L	100
16) Methylene chloride	4.804	84	81884	19.877	ug/L	100
17) trans-1,2-Dichloroethene	5.310	96	76863	20.886	ug/L	100
18) Methyl tert-butyl Ether	5.322	73	155597	19.698	ug/L #	100
19) 1,1-Dichloroethane	6.110	63	151212	21.596	ug/L	100
20) cis-1,2-Dichloroethene	7.081	96	85391	21.643	ug/L	100
22) 2-Butanone	7.081	43	56752	39.408	ug/L	100
23) Bromochloromethane	7.422	128	43875	22.815	ug/L	100
25) Chloroform	7.598	83	174954	22.099	ug/L	100
27) 1,2-Dichloroethane	8.328	62	97426	21.519	ug/L	100
29) Cyclohexane	7.881	56	117486	25.320	ug/L	100
30) 1,1,1-Trichloroethane	7.793	97	134861	23.888	ug/L	100
31) Carbon tetrachloride	7.993	117	110725	23.663	ug/L	100
33) Benzene	8.251	78	324445	23.043	ug/L	100
34) Trichloroethene	9.028	95	91336	23.868	ug/L	100
35) Methylcyclohexane	9.275	83	141075	24.956	ug/L	100
37) 1,2-Dichloropropane	9.304	63	95476	23.666	ug/L	100
38) Bromodichloromethane	9.581	83	119222	23.439	ug/L	100
39) cis-1,3-Dichloropropene	10.016	75	144693	25.132	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	106773	47.867	ug/L	100
42) Toluene	10.334	91	402090	26.323	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	110889	23.381	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	66349	22.868	ug/L	100
46) Tetrachloroethene	10.804	164	64154	24.206	ug/L	100
48) 2-Hexanone	10.922	43	85579	48.099	ug/L	100
49) Dibromochloromethane	11.069	129	73183	23.236	ug/L	100
50) 1,2-Dibromoethane	11.181	107	57926	22.516	ug/L	100
51) Chlorobenzene	11.604	112	215187	23.536	ug/L	100
52) Ethylbenzene	11.681	91	375296	24.741	ug/L	100
53) m,p-Xylene	11.792	106	143155	24.684	ug/L	100
54) o-Xylene	12.122	106	132290	23.776	ug/L	100
55) Styrene	12.133	104	251161	24.939	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.669	83	79273	21.445	ug/L	100
59) Bromoform	12.298	173	45009	17.521	ug/L	100
60) Isopropylbenzene	12.422	105	364806	19.191	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	53928	16.373	ug/L	100
62) 1,3,5-Trimethylbenzene	12.904	105	285037	17.986	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	344966	22.878	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	210872	22.806	ug/L	100
65) 1,4-Dichlorobenzene	13.533	146	223260	22.398	ug/L	100
67) 1,2-Dichlorobenzene	13.828	146	190161	21.298	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.445	75	11020	16.592	ug/L	100
69) 1,3,5-Trichlorobenzene	14.592	180	114224	17.883	ug/L	100
70) 1,2,4-trichlorobenzene	15.098	180	91351	17.892	ug/L	100
71) Naphthalene	15.327	128	167630	17.281	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	83991	16.345	ug/L	100

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

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