

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091024\
 Data File : VD079809.D
 Acq On : 10 Sep 2024 10:37
 Operator : RP/MD
 Sample : VSTD00538
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD005838

Manual Integrations
 APPROVED

Reviewed By :Semsettin
 Yesilyurt

Quant Time: Sep 11 05:55:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 11 05:52:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	162568	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	160811	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	71361	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	38813	5.491	ug/L	0.00
7) Chloroethane-d5	2.805	69	31029	5.544	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.911	65	6551m	5.104	ug/L	0.00
21) 2-Butanone-d5	6.993	46	6459m	9.834	ug/L	0.00
24) Chloroform-d	7.563	84	27290	5.107	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	13353	4.779	ug/L	0.00
32) Benzene-d6	8.205	84	57375	5.054	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.216	67	17569	5.053	ug/L	0.00
41) Toluene-d8	10.269	98	46900	4.695	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	7372	4.931	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	5202	9.178	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.645	84	13418	5.251	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	13317	4.948	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	16248	5.242	ug/L	99
3) Chloromethane	2.146	50	28038	5.160	ug/L	98
5) Vinyl chloride	2.281	62	34812	5.228	ug/L	100
6) Bromomethane	2.693	94	16052m	4.818	ug/L	
8) Chloroethane	2.834	64	23900	5.433	ug/L	98
9) Trichlorofluoromethane	3.170	101	24929	5.207	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	13865	5.232	ug/L	90
12) 1,1-Dichloroethene	3.940	96	12158	4.926	ug/L #	77
13) Acetone	4.022	43	6808m	8.502	ug/L	
14) Carbon disulfide	4.269	76	44793	5.579	ug/L	99
15) Methyl Acetate	4.564	43	6401	5.018	ug/L #	91
16) Methylene chloride	4.805	84	17343	5.399	ug/L	96
17) trans-1,2-Dichloroethene	5.316	96	12968	4.927	ug/L	83
18) Methyl tert-butyl Ether	5.322	73	24924m	4.210	ug/L	
19) 1,1-Dichloroethane	6.111	63	25985	4.971	ug/L	98
20) cis-1,2-Dichloroethene	7.087	96	13277	4.582	ug/L	90
22) 2-Butanone	7.081	43	8072m	8.594	ug/L	
23) Bromochloromethane	7.428	128	6631	5.391	ug/L	86
25) Chloroform	7.599	83	26579	4.884	ug/L	93
27) 1,2-Dichloroethane	8.328	62	16951	5.097	ug/L #	94
29) Cyclohexane	7.875	56	18479	4.646	ug/L	96
30) 1,1,1-Trichloroethane	7.799	97	21584	4.924	ug/L	98
31) Carbon tetrachloride	7.987	117	19693	5.071	ug/L	98
33) Benzene	8.252	78	57586	4.809	ug/L	100
34) Trichloroethene	9.028	95	13503	4.871	ug/L	90
35) Methylcyclohexane	9.275	83	19794	4.433	ug/L	94
37) 1,2-Dichloropropane	9.310	63	16340	5.004	ug/L #	100
38) Bromodichloromethane	9.581	83	18322	4.815	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	20904	4.559	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	14843	8.683	ug/L	95
42) Toluene	10.334	91	59624	4.727	ug/L	97
44) trans-1,3-Dichloropropene	10.551	75	18309	4.530	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.728	97	11123	4.985	ug/L	88
46) Tetrachloroethene	10.810	164	10021	5.335	ug/L	88
48) 2-Hexanone	10.916	43	11584	8.331	ug/L #	95
49) Dibromochloromethane	11.069	129	12037	4.943	ug/L	91
50) 1,2-Dibromoethane	11.175	107	9573	4.968	ug/L #	93
51) Chlorobenzene	11.604	112	36676	4.845	ug/L	97
52) Ethylbenzene	11.681	91	59072	4.458	ug/L	99
53) m,p-Xylene	11.793	106	22727	4.528	ug/L	88
54) o-Xylene	12.122	106	22255	4.523	ug/L	72
55) Styrene	12.134	104	37707	4.360	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.669	83	12886	4.927	ug/L #	86
59) Bromoform	12.298	173	6217	5.047	ug/L #	94
60) Isopropylbenzene	12.422	105	55710	4.522	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	8850	5.045	ug/L	96
62) 1,3,5-Trimethylbenzene	12.898	105	34411	3.819	ug/L	97
63) 1,2,4-Trimethylbenzene	13.210	105	41017	4.341	ug/L	98
64) 1,3-Dichlorobenzene	13.457	146	23998	4.713	ug/L	98
65) 1,4-Dichlorobenzene	13.534	146	25959	4.861	ug/L	92
67) 1,2-Dichlorobenzene	13.828	146	21066	4.578	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	1560	4.347	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.587	180	14530	4.707	ug/L	94
70) 1,2,4-trichlorobenzene	15.098	180	11581	4.455	ug/L #	93
71) Naphthalene	15.328	128	25599	4.409	ug/L	100
72) 1,2,3-Trichlorobenzene	15.516	180	10691	4.598	ug/L	94

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

