

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090424\
 Data File : VV037198.D
 Acq On : 04 Sep 2024 15:10
 Operator : SY/MD
 Sample : VSTD02578
 Misc : 5.00g/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD025278

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/05/2024
 Supervised By :Mahesh Dadoda 09/05/2024

Quant Time: Sep 05 01:34:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM090424SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 05 01:30:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	501177	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	488157	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	243677	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	201438	22.439	ug/L	0.00
7) Chloroethane-d5	1.532	69	169194	24.279	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	93660	23.194	ug/L	0.00
21) 2-Butanone-d5	3.828	46	111520m	62.003	ug/L	0.00
24) Chloroform-d	4.239	84	413739	26.829	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.934	65	217803	27.844	ug/L	0.00
32) Benzene-d6	4.950	84	809735	26.251	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.982	67	259119	27.116	ug/L	0.00
41) Toluene-d8	7.236	98	742963	26.634	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.548	79	100707	27.378	ug/L	0.00
47) 2-Hexanone-d5	8.027	63	72308	60.494	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.146	84	207450	28.242	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.554	152	257009	27.020	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	180734	26.197	ug/L	100
3) Chloromethane	1.217	50	220294	26.718	ug/L	100
5) Vinyl chloride	1.281	62	215048	26.518	ug/L	100
6) Bromomethane	1.487	94	127234	27.122	ug/L	100
8) Chloroethane	1.548	64	136346	27.334	ug/L	100
9) Trichlorofluoromethane	1.712	101	288076	26.026	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	181101	26.190	ug/L	100
12) 1,1-Dichloroethene	2.066	96	166135	26.374	ug/L	100
13) Acetone	2.146	43	110856m	46.475	ug/L	
14) Carbon disulfide	2.236	76	555419	26.862	ug/L	100
15) Methyl Acetate	2.381	43	99806	29.082	ug/L	100
16) Methylene chloride	2.442	84	212164	23.098	ug/L	100
17) trans-1,2-Dichloroethene	2.687	96	185911	27.053	ug/L	100
18) Methyl tert-butyl Ether	2.703	73	472366	29.364	ug/L	100
19) 1,1-Dichloroethane	3.101	63	360018	27.362	ug/L	100
20) cis-1,2-Dichloroethene	3.802	96	205532	28.332	ug/L	100
22) 2-Butanone	3.905	43	113677	57.336	ug/L	98
23) Bromochloromethane	4.137	128	94299	29.167	ug/L	100
25) Chloroform	4.265	83	362590	28.387	ug/L	100
27) 1,2-Dichloroethane	5.034	62	234214	28.928	ug/L	100
29) Cyclohexane	4.567	56	281184	25.529	ug/L	100
30) 1,1,1-Trichloroethane	4.500	97	286873	26.461	ug/L	100
31) Carbon tetrachloride	4.722	117	242548	26.463	ug/L	100
33) Benzene	4.998	78	770146	28.119	ug/L	100
34) Trichloroethene	5.825	95	203771	27.335	ug/L	100
35) Methylcyclohexane	6.040	83	308620	25.408	ug/L	100
37) 1,2-Dichloropropane	6.085	63	198785	27.991	ug/L	100
38) Bromodichloromethane	6.426	83	252332	28.144	ug/L	100
39) cis-1,3-Dichloropropene	6.947	75	308869	29.379	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	239329	60.423	ug/L	100
42) Toluene	7.307	91	809594	28.089	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	254251	29.762	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.763	97	153084	28.602	ug/L	100
46) Tetrachloroethene	7.899	164	142102	25.933	ug/L	100
48) 2-Hexanone	8.079	43	162839	54.927	ug/L	100
49) Dibromochloromethane	8.169	129	161143	28.935	ug/L	100
50) 1,2-Dibromoethane	8.278	107	148344	29.009	ug/L	100
51) Chlorobenzene	8.805	112	522405	27.697	ug/L	100
52) Ethylbenzene	8.940	91	888444	27.526	ug/L	100
53) m,p-Xylene	9.066	106	331721	27.701	ug/L	100
54) o-Xylene	9.471	106	325237	28.194	ug/L	100
55) Styrene	9.490	104	564590	29.129	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	182379	28.595	ug/L	100
59) Bromoform	9.657	173	87699	28.345	ug/L	100
60) Isopropylbenzene	9.860	105	867057	27.400	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	131141	29.206	ug/L	100
62) 1,3,5-Trimethylbenzene	10.471	105	698781	27.805	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	701901	28.161	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	396493	27.481	ug/L	100
65) 1,4-Dichlorobenzene	11.204	146	406820	27.656	ug/L	100
67) 1,2-Dichlorobenzene	11.574	146	369770	27.631	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.358	75	29138	28.754	ug/L	100
69) 1,3,5-Trichlorobenzene	12.577	180	272210	26.591	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	243294	26.921	ug/L	100
71) Naphthalene	13.432	128	505455	28.669	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	224041	26.996	ug/L	100

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

