

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW082224\
 Data File : VW036997.D
 Acq On : 22 Aug 2024 08:53
 Operator : SY/MD
 Sample : VSTD2.559
 Misc : 5.00mL/10mL/MSVOA_V/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD2.5259

Quant Time: Aug 23 04:44:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 23 04:43:11 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/23/2024
 Supervised By :Semsettin Yesilyurt 08/23/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	668245	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	614773	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	284827	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	29480	3.148	ug/L	0.00
7) Chloroethane-d5	1.532	69	23891	2.983	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	13856	3.072	ug/L	0.00
21) 2-Butanone-d5	3.902	46	11047m	6.481	ug/L	0.05
24) Chloroform-d	4.249	84	50550	2.684	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.947	65	23148	2.672	ug/L	0.00
32) Benzene-d6	4.960	84	99001	2.687	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	29491	2.534	ug/L	0.00
41) Toluene-d8	7.246	98	87457	2.605	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.564	79	9129	2.346	ug/L	0.01
47) 2-Hexanone-d5	8.066	63	4809m	5.030	ug/L	0.03
56) 1,1,2,2-Tetrachloroeth...	10.149	84	16464	2.666	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	29102	2.854	ug/L	0.00
Target Compounds						
2) Dichlorodifluoromethane	1.108	85	31660	3.033	ug/L	98
3) Chloromethane	1.217	50	34646	2.867	ug/L	98
5) Vinyl chloride	1.282	62	33319	2.784	ug/L	97
6) Bromomethane	1.491	94	21359	2.806	ug/L	99
8) Chloroethane	1.548	64	21452	2.838	ug/L	93
9) Trichlorofluoromethane	1.716	101	43525	2.755	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	27059	2.779	ug/L	97
12) 1,1-Dichloroethene	2.069	96	25255	2.785	ug/L	96
13) Acetone	2.150	43	13877m	7.464	ug/L	
14) Carbon disulfide	2.240	76	82206	2.737	ug/L	98
15) Methyl Acetate	2.391	43	8341	2.511	ug/L	97
16) Methylene chloride	2.445	84	53704	4.040	ug/L	98
17) trans-1,2-Dichloroethene	2.690	96	26387	2.658	ug/L	97
18) Methyl tert-butyl Ether	2.709	73	55092	2.679	ug/L	100
19) 1,1-Dichloroethane	3.108	63	52366	2.710	ug/L	97
20) cis-1,2-Dichloroethene	3.818	96	27060	2.541	ug/L	98
22) 2-Butanone	3.950	43	12390m	7.546	ug/L	
23) Bromochloromethane	4.150	128	10844	2.566	ug/L	96
25) Chloroform	4.275	83	49205	2.605	ug/L	98
27) 1,2-Dichloroethane	5.047	62	26519	2.567	ug/L #	92
29) Cyclohexane	4.571	56	43031	2.698	ug/L	96
30) 1,1,1-Trichloroethane	4.510	97	40773	2.630	ug/L	98
31) Carbon tetrachloride	4.732	117	34158	2.611	ug/L	99
33) Benzene	5.008	78	104753	2.614	ug/L	100
34) Trichloroethene	5.838	95	31109	2.750	ug/L	99
35) Methylcyclohexane	6.040	83	47435	2.712	ug/L	97
37) 1,2-Dichloropropane	6.095	63	24752	2.557	ug/L #	93
38) Bromodichloromethane	6.436	83	29701	2.470	ug/L	98
39) cis-1,3-Dichloropropene	6.963	75	34476m	2.425	ug/L	
40) 4-Methyl-2-pentanone	7.178	43	21023m	5.155	ug/L	
42) Toluene	7.317	91	109648	2.612	ug/L	99
44) trans-1,3-Dichloropropene	7.590	75	25653	2.385	ug/L	94

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45) 1,1,2-Trichloroethane	7.773	97	16238	2.556	ug/L	97
46) Tetrachloroethene	7.902	164	22354	2.795	ug/L	92
48) 2-Hexanone	8.101	43	16226m	5.716	ug/L	
49) Dibromochloromethane	8.178	129	16992	2.431	ug/L	98
50) 1,2-Dibromoethane	8.284	107	14393	2.510	ug/L	98
51) Chlorobenzene	8.812	112	71579	2.670	ug/L	99
52) Ethylbenzene	8.944	91	121750	2.572	ug/L	100
53) m,p-Xylene	9.072	106	43974	2.500	ug/L	96
54) o-Xylene	9.477	106	41443	2.466	ug/L	99
55) Styrene	9.497	104	66722	2.406	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	14971	2.545	ug/L	98
59) Bromoform	9.667	173	7604	2.357	ug/L #	95
60) Isopropylbenzene	9.863	105	115465	2.571	ug/L	98
61) 1,2,3-Trichloropropane	10.210	75	12152	2.646	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	93609	2.546	ug/L	98
63) 1,2,4-Trimethylbenzene	10.847	105	88855	2.479	ug/L	97
64) 1,3-Dichlorobenzene	11.117	146	51168	2.666	ug/L	96
65) 1,4-Dichlorobenzene	11.204	146	50846	2.652	ug/L	96
67) 1,2-Dichlorobenzene	11.577	146	44793	2.694	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.365	75	2281	2.537	ug/L	91
69) 1,3,5-Trichlorobenzene	12.580	180	35482	2.653	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	28485	2.661	ug/L	100
71) Naphthalene	13.439	128	41177	2.554	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	22904	2.584	ug/L	97

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

