

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050624\
 Data File : VW035537.D
 Acq On : 06 May 2024 15:49
 Operator : SY/MD
 Sample : VSTD00560
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005260

Quant Time: May 08 01:31:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 08 01:28:52 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh
 Dadoda

05/08/2024
 Supervised By :Semsettin
 Yesilyurt

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	447849	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	464376	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	258933	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	44549	6.436	ug/L	0.00
7) Chloroethane-d5	1.529	69	35992	6.445	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	19750	6.445	ug/L	0.00
21) 2-Butanone-d5	3.896	46	20165m	10.266	ug/L	0.06
24) Chloroform-d	4.246	84	78087	5.865	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.944	65	39651	6.024	ug/L	0.00
32) Benzene-d6	4.957	84	154662	6.084	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	45763	5.834	ug/L	0.00
41) Toluene-d8	7.243	98	132907	5.875	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.561	79	19366	5.772	ug/L	0.00
47) 2-Hexanone-d5	8.047	63	13912m	9.863	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.153	84	42140	5.575	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	51478	5.729	ug/L	0.00

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.105	85	49709	5.459	ug/L	99
3) Chloromethane	1.211	50	51726	5.658	ug/L	99
5) Vinyl chloride	1.278	62	51546	5.458	ug/L	100
6) Bromomethane	1.484	94	32974	5.514	ug/L	99
8) Chloroethane	1.545	64	31366	5.388	ug/L	98
9) Trichlorofluoromethane	1.709	101	64350	5.220	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	39032	5.018	ug/L	98
12) 1,1-Dichloroethene	2.063	96	37001	5.267	ug/L	88
13) Acetone	2.169	43	30967m	10.769	ug/L	
14) Carbon disulfide	2.233	76	133349	5.993	ug/L	100
15) Methyl Acetate	2.388	43	21829m	4.977	ug/L	
16) Methylene chloride	2.442	84	58011	5.617	ug/L	97
17) trans-1,2-Dichloroethene	2.690	96	41046	5.263	ug/L	95
18) Methyl tert-butyl Ether	2.703	73	88056	4.681	ug/L	99
19) 1,1-Dichloroethane	3.105	63	73346	5.016	ug/L	98
20) cis-1,2-Dichloroethene	3.815	96	41821	4.946	ug/L	96
22) 2-Butanone	3.960	43	24273m	9.087	ug/L	
23) Bromochloromethane	4.153	128	20072	4.908	ug/L	93
25) Chloroform	4.272	83	73259	4.852	ug/L	96
27) 1,2-Dichloroethane	5.043	62	45533	4.843	ug/L	97
29) Cyclohexane	4.574	56	55948	5.038	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	63392	4.923	ug/L	99
31) Carbon tetrachloride	4.728	117	56386	4.991	ug/L	99
33) Benzene	5.008	78	152196	4.952	ug/L	100
34) Trichloroethene	5.834	95	42454	4.883	ug/L	97
35) Methylcyclohexane	6.047	83	64697	4.902	ug/L	98
37) 1,2-Dichloropropane	6.092	63	37759	4.709	ug/L	99
38) Bromodichloromethane	6.432	83	51795	4.768	ug/L	99
39) cis-1,3-Dichloropropene	6.957	75	57442	4.580	ug/L	96
40) 4-Methyl-2-pentanone	7.169	43	43638m	9.225	ug/L	
42) Toluene	7.313	91	156525	4.812	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	51345	4.680	ug/L	97

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

45) 1,1,2-Trichloroethane	7.770	97	32261	4.735	ug/L	97
46) Tetrachloroethene	7.905	164	36026	5.101	ug/L	97
48) 2-Hexanone	8.092	43	31831m	9.010	ug/L	
49) Dibromochloromethane	8.175	129	35644	4.636	ug/L	97
50) 1,2-Dibromoethane	8.284	107	32251	4.805	ug/L	96
51) Chlorobenzene	8.812	112	109412	4.848	ug/L	98
52) Ethylbenzene	8.947	91	163142	4.543	ug/L	100
53) m,p-Xylene	9.072	106	60876	4.468	ug/L	99
54) o-Xylene	9.477	106	56882	4.405	ug/L	98
55) Styrene	9.497	104	96287	4.275	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	38713	4.665	ug/L	97
59) Bromoform	9.667	173	23592	4.636	ug/L	99
60) Isopropylbenzene	9.866	105	154592	4.482	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	28347	4.672	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	107322	3.966	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	117616	4.230	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	86382	4.772	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	93172	4.972	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	80800	4.742	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	6891	4.897	ug/L	88
69) 1,3,5-Trichlorobenzene	12.580	180	65315	4.618	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	53183	4.503	ug/L	100
71) Naphthalene	13.442	128	84813	4.090	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	47372	4.458	ug/L	100

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

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