

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022924\
 Data File : VW034469.D
 Acq On : 29 Feb 2024 08:56
 Operator : SY/MD
 Sample : VSTD00529
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005229

Quant Time: Mar 01 00:57:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 01 00:56:28 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/01/2024
 Supervised By :Semsettin Yesilyurt 03/01/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	310737	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	291919	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	148927	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	12853	5.287	ug/L	0.00
7) Chloroethane-d5	1.532	69	10586	5.446	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.059	65	5887	5.507	ug/L	0.00
21) 2-Butanone-d5	3.825	46	16114m	9.537	ug/L	0.04
24) Chloroform-d	4.252	84	23651	5.388	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.947	65	14558	5.110	ug/L	0.00
32) Benzene-d6	4.963	84	41430	4.922	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	13508m	4.975	ug/L	0.00
41) Toluene-d8	7.246	98	38034	5.019	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.561	79	6076	4.495	ug/L	0.00
47) 2-Hexanone-d5	8.037	63	10833	9.116	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.152	84	17129	4.874	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	15061	5.259	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	16755	6.052	ug/L	98
3) Chloromethane	1.217	50	17080	5.653	ug/L	99
5) Vinyl chloride	1.285	62	16060	5.535	ug/L	98
6) Bromomethane	1.487	94	9824	6.331	ug/L	98
8) Chloroethane	1.548	64	10427	6.036	ug/L	100
9) Trichlorofluoromethane	1.712	101	23927	6.559	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	13358	6.350	ug/L	99
12) 1,1-Dichloroethene	2.069	96	12068	6.123	ug/L	93
13) Acetone	2.124	43	24709	14.732	ug/L	100
14) Carbon disulfide	2.243	76	32553	5.082	ug/L	97
15) Methyl Acetate	2.381	43	13488	5.142	ug/L	96
16) Methylene chloride	2.449	84	12709	5.444	ug/L	99
17) trans-1,2-Dichloroethene	2.696	96	11355	5.318	ug/L	93
18) Methyl tert-butyl Ether	2.703	73	40225	5.241	ug/L	97
19) 1,1-Dichloroethane	3.111	63	22432	5.191	ug/L	96
20) cis-1,2-Dichloroethene	3.821	96	12464	5.262	ug/L	86
22) 2-Butanone	3.905	43	22107m	11.365	ug/L	
23) Bromochloromethane	4.153	128	6361	5.439	ug/L #	93
25) Chloroform	4.281	83	24294	5.825	ug/L	91
27) 1,2-Dichloroethane	5.050	62	18591	5.340	ug/L	98
29) Cyclohexane	4.580	56	19623	4.801	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	21571	5.883	ug/L	98
31) Carbon tetrachloride	4.735	117	18924	6.014	ug/L	97
33) Benzene	5.011	78	44529	5.105	ug/L	100
34) Trichloroethene	5.837	95	13434	5.693	ug/L	98
35) Methylcyclohexane	6.046	83	19217	4.843	ug/L	98
37) 1,2-Dichloropropane	6.095	63	12074	5.102	ug/L	98
38) Bromodichloromethane	6.436	83	17149	5.426	ug/L	97
39) cis-1,3-Dichloropropene	6.960	75	17757	4.445	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	33278	9.464	ug/L	98
42) Toluene	7.317	91	46585	5.042	ug/L	99
44) trans-1,3-Dichloropropene	7.590	75	17050	4.657	ug/L	100

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

45) 1,1,2-Trichloroethane	7.773	97	11542	5.303	ug/L	95
46) Tetrachloroethene	7.905	164	9555	5.487	ug/L	98
48) 2-Hexanone	8.085	43	25287	8.989	ug/L	98
49) Dibromochloromethane	8.178	129	11462	5.014	ug/L	89
50) 1,2-Dibromoethane	8.284	107	12266	5.319	ug/L #	95
51) Chlorobenzene	8.815	112	31622	5.394	ug/L	98
52) Ethylbenzene	8.947	91	52747	4.961	ug/L	98
53) m,p-Xylene	9.075	106	20771	5.302	ug/L	92
54) o-Xylene	9.477	106	19820	5.090	ug/L	97
55) Styrene	9.500	104	32132	4.795	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.178	83	17581	5.120	ug/L	91
59) Bromoform	9.667	173	7748	4.837	ug/L	95
60) Isopropylbenzene	9.866	105	52971	5.171	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	15027	5.587	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	43826	4.987	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	42567	4.885	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	24782	5.340	ug/L	97
65) 1,4-Dichlorobenzene	11.210	146	26044	5.596	ug/L	95
67) 1,2-Dichlorobenzene	11.580	146	24993	5.497	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.368	75	3940	5.046	ug/L	94
69) 1,3,5-Trichlorobenzene	12.583	180	17724	5.154	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	15494	4.953	ug/L	93
71) Naphthalene	13.442	128	34799	4.195	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	14781	5.004	ug/L	99

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

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