

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
 Data File : VV037013.D
 Acq On : 26 Aug 2024 09:33
 Operator : SY/MD
 Sample : VSTD01066
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010266

Quant Time: Aug 27 01:03:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 27 01:02:05 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin
 Yesilyurt

08/27/2024
 Supervised By :Mahesh
 Dadoda

08/28/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	653336	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	622094	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	304255	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	65346	10.934	ug/L	0.00
7) Chloroethane-d5	1.532	69	49081	10.626	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	26668	10.617	ug/L	0.00
21) 2-Butanone-d5	3.809	46	47817m	21.772	ug/L	0.02
24) Chloroform-d	4.246	84	97883	10.465	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.941	65	62470	10.605	ug/L	0.00
32) Benzene-d6	4.957	84	200987	10.697	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	65280	11.092	ug/L	0.00
41) Toluene-d8	7.243	98	177438	10.463	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	27447	10.081	ug/L	0.00
47) 2-Hexanone-d5	8.037	63	29116m	18.765	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.149	84	73815	10.342	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	66040	10.838	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	43676	7.911	ug/L	97
3) Chloromethane	1.217	50	49786	8.018	ug/L	96
5) Vinyl chloride	1.281	62	46537	7.984	ug/L	95
6) Bromomethane	1.487	94	25757	7.886	ug/L	100
8) Chloroethane	1.548	64	27913	7.829	ug/L	98
9) Trichlorofluoromethane	1.712	101	59705	7.849	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	36154	7.991	ug/L	99
12) 1,1-Dichloroethene	2.069	96	33480	7.855	ug/L #	72
13) Acetone	2.114	43	46372	19.146	ug/L	98
14) Carbon disulfide	2.240	76	102513	7.922	ug/L	100
15) Methyl Acetate	2.371	43	34166	8.210	ug/L	98
16) Methylene chloride	2.445	84	40022	8.322	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	34743	7.852	ug/L	97
18) Methyl tert-butyl Ether	2.706	73	111714	8.026	ug/L	99
19) 1,1-Dichloroethane	3.105	63	69098	7.863	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	38336	7.840	ug/L	95
22) 2-Butanone	3.889	43	45659m	17.348	ug/L	
23) Bromochloromethane	4.146	128	19419	8.091	ug/L	98
25) Chloroform	4.272	83	74202	8.338	ug/L	100
27) 1,2-Dichloroethane	5.043	62	52699m	8.116	ug/L	
29) Cyclohexane	4.574	56	53942	7.375	ug/L	96
30) 1,1,1-Trichloroethane	4.506	97	55120	7.700	ug/L	99
31) Carbon tetrachloride	4.728	117	46630	7.720	ug/L	99
33) Benzene	5.008	78	142269	7.924	ug/L	100
34) Trichloroethene	5.831	95	37373	7.887	ug/L	97
35) Methylcyclohexane	6.043	83	56905	7.456	ug/L	98
37) 1,2-Dichloropropane	6.095	63	36732	7.623	ug/L #	96
38) Bromodichloromethane	6.432	83	47634	7.722	ug/L	99
39) cis-1,3-Dichloropropene	6.957	75	54921	7.327	ug/L	96
40) 4-Methyl-2-pentanone	7.165	43	72782m	15.309	ug/L	
42) Toluene	7.313	91	143701	7.688	ug/L	99
44) trans-1,3-Dichloropropene	7.583	75	47989m	7.163	ug/L	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.770	97	34049	7.599	ug/L	97
46) Tetrachloroethene	7.902	164	25722	7.565	ug/L	99
48) 2-Hexanone	8.082	43	62948m	17.140	ug/L	
49) Dibromochloromethane	8.172	129	33311	7.425	ug/L	94
50) 1,2-Dibromoethane	8.284	107	34858	7.688	ug/L	94
51) Chlorobenzene	8.812	112	98032	7.922	ug/L	97
52) Ethylbenzene	8.944	91	155871	7.382	ug/L	100
53) m,p-Xylene	9.069	106	56551	7.229	ug/L	97
54) o-Xylene	9.474	106	54538	7.120	ug/L	99
55) Styrene	9.497	104	90720	6.869	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	50583	7.623	ug/L	99
59) Bromoform	9.661	173	21834	7.698	ug/L #	95
60) Isopropylbenzene	9.863	105	149625	7.586	ug/L	98
61) 1,2,3-Trichloropropane	10.207	75	38142	8.059	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	117216	7.263	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	114421	7.105	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	69732	7.656	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	75010	8.047	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	71247	7.956	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.361	75	8329	7.056	ug/L	97
69) 1,3,5-Trichlorobenzene	12.577	180	46930	7.405	ug/L	98
70) 1,2,4-trichlorobenzene	13.194	180	43948	7.364	ug/L	98
71) Naphthalene	13.435	128	113205	6.569	ug/L	99
72) 1,2,3-Trichlorobenzene	13.676	180	42995	7.311	ug/L	100

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

