

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102524\
 Data File : VX043508.D
 Acq On : 25 Oct 2024 09:01
 Operator : JC/MD
 Sample : VSTD00524
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005624

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/28/2024
 Supervised By :Semsettin Yesilyurt 10/28/2024

Quant Time: Oct 25 23:53:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML102524WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 25 23:53:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	288641	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	250478	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	112338	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	8032	5.115	ug/L	0.00
7) Chloroethane-d5	1.673	69	6372	5.067	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.307	65	3695	4.983	ug/L	0.00
21) 2-Butanone-d5	4.465	46	13439	10.275	ug/L	0.01
24) Chloroform-d	5.056	84	17022	4.687	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	12154	4.981	ug/L	0.00
32) Benzene-d6	5.971	84	31281	4.920	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	9672	4.887	ug/L	0.00
41) Toluene-d8	8.647	98	29520	5.071	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	4929	4.734	ug/L	0.00
47) 2-Hexanone-d5	9.385	63	8603	8.764	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	14305	4.855	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	10605	5.201	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	11561	5.157	ug/L	100
3) Chloromethane	1.295	50	10048	4.873	ug/L	99
5) Vinyl chloride	1.374	62	10289	5.048	ug/L #	74
6) Bromomethane	1.612	94	6673	5.546	ug/L	100
8) Chloroethane	1.691	64	6166	5.101	ug/L	99
9) Trichlorofluoromethane	1.892	101	15672	5.154	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	9347	5.133	ug/L	98
12) 1,1-Dichloroethene	2.319	96	7780	4.876	ug/L	100
13) Acetone	2.374	43	14546	12.215	ug/L	99
14) Carbon disulfide	2.514	76	18508	4.717	ug/L	99
15) Methyl Acetate	2.703	43	11874	5.357	ug/L	99
16) Methylene chloride	2.788	84	9078	4.912	ug/L	84
17) trans-1,2-Dichloroethene	3.087	96	8453	5.038	ug/L	90
18) Methyl tert-butyl Ether	3.111	73	29784	4.778	ug/L	98
19) 1,1-Dichloroethane	3.605	63	16178	4.891	ug/L	94
20) cis-1,2-Dichloroethene	4.489	96	9625	4.808	ug/L	90
22) 2-Butanone	4.562	43	15623	9.965	ug/L	98
23) Bromochloromethane	4.891	128	5295	5.049	ug/L	88
25) Chloroform	5.087	83	17411	4.862	ug/L	93
27) 1,2-Dichloroethane	6.086	62	13967	4.809	ug/L #	94
29) Cyclohexane	5.471	56	15031	5.240	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	15933m	5.157	ug/L	
31) Carbon tetrachloride	5.672	117	13606	5.130	ug/L	93
33) Benzene	6.038	78	34572	5.059	ug/L	100
34) Trichloroethene	7.123	95	9800	5.221	ug/L	90
35) Methylcyclohexane	7.373	83	15174	5.254	ug/L	98
37) 1,2-Dichloropropane	7.428	63	8877	4.876	ug/L	97
38) Bromodichloromethane	7.818	83	11882	4.740	ug/L #	99
39) cis-1,3-Dichloropropene	8.366	75	13219	4.392	ug/L	90
40) 4-Methyl-2-pentanone	8.574	43	27576	9.721	ug/L	99
42) Toluene	8.714	91	36494	5.045	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	12197	4.328	ug/L	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	9330	4.977	ug/L	93
46) Tetrachloroethene	9.269	164	7216	5.364	ug/L	93
48) 2-Hexanone	9.433	43	20671	9.539	ug/L	97
49) Dibromochloromethane	9.519	129	8087	4.359	ug/L	90
50) 1,2-Dibromoethane	9.610	107	9596	4.791	ug/L	100
51) Chlorobenzene	10.080	112	24229	5.073	ug/L	96
52) Ethylbenzene	10.189	91	40774	5.024	ug/L	96
53) m,p-Xylene	10.299	106	14821	4.884	ug/L	99
54) o-Xylene	10.640	106	15252	5.019	ug/L	98
55) Styrene	10.653	104	24037	4.708	ug/L	93
57) 1,1,2,2-Tetrachloroethane	11.207	83	14842	5.017	ug/L #	92
59) Bromoform	10.799	173	5416	4.470	ug/L	100
60) Isopropylbenzene	10.957	105	41205	5.339	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	11983	5.368	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	32266	5.096	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	32361	5.105	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	17509	5.226	ug/L	91
65) 1,4-Dichlorobenzene	12.037	146	18301	5.365	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	17311	5.197	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	3017	4.767	ug/L #	90
69) 1,3,5-Trichlorobenzene	13.110	180	11529	5.122	ug/L	96
70) 1,2,4-trichlorobenzene	13.585	180	10526	4.993	ug/L	93
71) Naphthalene	13.774	128	39018	4.902	ug/L	98
72) 1,2,3-Trichlorobenzene	13.957	180	10837	5.137	ug/L	99

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

