

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102224\
 Data File : VX043477.D
 Acq On : 22 Oct 2024 11:11
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV617

Manual Integrations
 APPROVED

Reviewed By :Semsettin
 Yesilyurt

Quant Time: Oct 23 02:10:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML102224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 23 02:04:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	132774	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	118564	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	56745	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	37877	50.823	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.640%
7) Chloroethane-d5	1.654	69	16631	46.084	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.160%
11) 1,1-Dichloroethene-d2	2.300	65	17268	49.660	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.320%
21) 2-Butanone-d5	4.477	46	44557	93.056	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.060%
24) Chloroform-d	5.062	84	91735	49.745	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.500%
26) 1,2-Dichloroethane-d4	5.958	65	55592	47.404	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.800%
32) Benzene-d6	5.970	84	166796	50.498	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.000%
36) 1,2-Dichloropropane-d6	7.312	67	50708	49.793	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.580%
41) Toluene-d8	8.647	98	152079	50.617	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.240%
43) trans-1,3-Dichloroprop...	8.952	79	21869	49.534	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.060%
47) 2-Hexanone-d5	9.390	63	30976	97.694	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.690%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	56075	49.401	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	12.317	152	52230	47.813	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.620%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	55591	53.943	ug/L	98
3) Chloromethane	1.294	50	55998	54.226	ug/L	96
5) Vinyl chloride	1.380	62	52610	54.956	ug/L	98
6) Bromomethane	1.599	94	21560	53.980	ug/L	97
8) Chloroethane	1.672	64	17732	48.116	ug/L	87
9) Trichlorofluoromethane	1.867	101	71003	54.636	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	40759	53.444	ug/L	97
12) 1,1-Dichloroethene	2.312	96	38666	54.889	ug/L	98
13) Acetone	2.398	43	38001	80.276	ug/L	96
14) Carbon disulfide	2.508	76	84905	54.016	ug/L	96
15) Methyl Acetate	2.715	43	40882	49.412	ug/L	99
16) Methylene chloride	2.788	84	45447	51.899	ug/L	99
17) trans-1,2-Dichloroethene	3.087	96	43949	56.262	ug/L	94
18) Methyl tert-butyl Ether	3.123	73	139812	51.712	ug/L	99
19) 1,1-Dichloroethane	3.611	63	85844	53.840	ug/L	96
20) cis-1,2-Dichloroethene	4.489	96	51978	54.126	ug/L	98
22) 2-Butanone	4.574	43	55354m	95.473	ug/L	
23) Bromochloromethane	4.903	128	24084	53.267	ug/L	96
25) Chloroform	5.099	83	93764	53.346	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	70807	52.298	ug/L	97
29) Cyclohexane	5.464	56	71079	55.474	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	79443	55.876	ug/L	99
31) Carbon tetrachloride	5.672	117	62354	55.213	ug/L	97
33) Benzene	6.037	78	184681	54.575	ug/L	100
34) Trichloroethene	7.123	95	50679	56.354	ug/L	96
35) Methylcyclohexane	7.379	83	71186	57.698	ug/L	99
37) 1,2-Dichloropropane	7.433	63	46926	53.340	ug/L	99
38) Bromodichloromethane	7.824	83	59425	52.768	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	75298	55.583	ug/L	97
40) 4-Methyl-2-pentanone	8.580	43	105570	101.113	ug/L	98
42) Toluene	8.720	91	196553	56.262	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	64932	56.059	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	43358	54.270	ug/L	98
46) Tetrachloroethene	9.275	164	34965	57.489	ug/L	98
48) 2-Hexanone	9.433	43	80467	101.281	ug/L	95
49) Dibromochloromethane	9.518	129	38660	51.846	ug/L	100
50) 1,2-Dibromoethane	9.610	107	42964	52.179	ug/L #	98
51) Chlorobenzene	10.079	112	125833	54.630	ug/L	97
52) Ethylbenzene	10.195	91	218235	57.490	ug/L	96
53) m,p-Xylene	10.299	106	80454	56.558	ug/L	92
54) o-Xylene	10.640	106	81696	56.087	ug/L	96
55) Styrene	10.659	104	137938	57.015	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	58756	51.732	ug/L #	95
59) Bromoform	10.805	173	22604	50.248	ug/L	99
60) Isopropylbenzene	10.963	105	210753	56.329	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	47816	50.239	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	178389	55.788	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	180420	55.504	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	93482	54.757	ug/L	96
65) 1,4-Dichlorobenzene	12.042	146	93171	53.204	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	92023	54.086	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	10713	50.135	ug/L	90
69) 1,3,5-Trichlorobenzene	13.115	180	60006	54.077	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	50819	54.296	ug/L	99
71) Naphthalene	13.774	128	144969	53.104	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	47902	51.334	ug/L	99

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

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