

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120524\
 Data File : VX044139.D
 Acq On : 05 Dec 2024 11:01
 Operator : JC/MD
 Sample : VSTD05050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050650

Quant Time: Dec 06 03:30:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120524WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 06 03:29:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/06/2024
 Supervised By : Mahesh Dadoda 12/06/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	223106	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	193297	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	87469	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	102957	50.000	ug/L	0.00
7) Chloroethane-d5	1.642	69	71585m	50.000	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	43247	50.000	ug/L	0.00
21) 2-Butanone-d5	4.465	46	125498	100.000	ug/L	0.00
24) Chloroform-d	5.050	84	192962	50.000	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	134808	50.000	ug/L	0.00
32) Benzene-d6	5.964	84	344460	50.000	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	106366	50.000	ug/L	0.00
41) Toluene-d8	8.647	98	314873	50.000	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	51453	50.000	ug/L	0.00
47) 2-Hexanone-d5	9.385	63	85221	100.000	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	145275	50.000	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	100889	50.000	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	91650	50.000	ug/L	98
3) Chloromethane	1.295	50	83005	50.000	ug/L	97
5) Vinyl chloride	1.374	62	90282	50.000	ug/L	95
6) Bromomethane	1.593	94	58427	50.000	ug/L	97
8) Chloroethane	1.666	64	57821	50.000	ug/L	98
9) Trichlorofluoromethane	1.868	101	183283	50.000	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	72666	50.000	ug/L	94
12) 1,1-Dichloroethene	2.307	96	64765	50.000	ug/L #	69
13) Acetone	2.386	43	106937	100.000	ug/L	90
14) Carbon disulfide	2.502	76	113966	50.000	ug/L	98
15) Methyl Acetate	2.709	43	87679	50.000	ug/L	98
16) Methylene chloride	2.782	84	73536	50.000	ug/L	86
17) trans-1,2-Dichloroethene	3.087	96	66878	50.000	ug/L	94
18) Methyl tert-butyl Ether	3.117	73	272569	50.000	ug/L	96
19) 1,1-Dichloroethane	3.599	63	143222	50.000	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	82197	50.000	ug/L	94
22) 2-Butanone	4.568	43	132101	100.000	ug/L	97
23) Bromochloromethane	4.891	128	40885	50.000	ug/L #	85
25) Chloroform	5.087	83	162211	50.000	ug/L	92
27) 1,2-Dichloroethane	6.086	62	133617	50.000	ug/L	95
29) Cyclohexane	5.458	56	122393	50.000	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	131505	50.000	ug/L	97
31) Carbon tetrachloride	5.672	117	105235	50.000	ug/L	99
33) Benzene	6.031	78	303278	50.000	ug/L	100
34) Trichloroethene	7.117	95	80109	50.000	ug/L	95
35) Methylcyclohexane	7.373	83	123117	50.000	ug/L	97
37) 1,2-Dichloropropane	7.428	63	79530	50.000	ug/L	99
38) Bromodichloromethane	7.818	83	103709	50.000	ug/L	95
39) cis-1,3-Dichloropropene	8.366	75	131077	50.000	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	252640	100.000	ug/L	93
42) Toluene	8.714	91	318601	50.000	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	122757	50.000	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.147	97	81213	50.000	ug/L	99
46) Tetrachloroethene	9.269	164	53193	50.000	ug/L	95
48) 2-Hexanone	9.433	43	204014	100.000	ug/L	93
49) Dibromochloromethane	9.519	129	70383	50.000	ug/L	95
50) 1,2-Dibromoethane	9.610	107	84153	50.000	ug/L	99
51) Chlorobenzene	10.080	112	197651	50.000	ug/L	99
52) Ethylbenzene	10.189	91	353873	50.000	ug/L	100
53) m,p-Xylene	10.299	106	129977	50.000	ug/L	97
54) o-Xylene	10.640	106	131195	50.000	ug/L	96
55) Styrene	10.653	104	218326	50.000	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.207	83	127345	50.000	ug/L	98
59) Bromoform	10.799	173	43548	50.000	ug/L	97
60) Isopropylbenzene	10.957	105	353278	50.000	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	102151	50.000	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	290690	50.000	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	285520	50.000	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	138586	50.000	ug/L	96
65) 1,4-Dichlorobenzene	12.043	146	141174	50.000	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	144282	50.000	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	23794	50.000	ug/L	94
69) 1,3,5-Trichlorobenzene	13.109	180	89168	50.000	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	79291	50.000	ug/L	96
71) Naphthalene	13.774	128	325990	50.000	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	84386	50.000	ug/L	99

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

