

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120524\
 Data File : VX044141.D
 Acq On : 05 Dec 2024 11:47
 Operator : JC/MD
 Sample : VSTD20052
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD200652

Quant Time: Dec 06 03:30:48 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	205579	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	185516	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	93083	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	394199	207.760	ug/L	0.00
7) Chloroethane-d5	1.642	69	277568	210.402	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	170632	214.095	ug/L	0.00
21) 2-Butanone-d5	4.465	46	508835	440.020	ug/L	0.00
24) Chloroform-d	5.050	84	785291	220.832	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	513697	206.773	ug/L	0.00
32) Benzene-d6	5.970	84	1346977	203.721	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	416912	204.200	ug/L	0.00
41) Toluene-d8	8.647	98	1208236	199.908	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.946	79	224086	226.891	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	346374	423.489	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	576383	206.697	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	432106	201.233	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	363478	215.203	ug/L	99
3) Chloromethane	1.294	50	326997	213.768	ug/L	97
5) Vinyl chloride	1.374	62	351502	211.266	ug/L	97
6) Bromomethane	1.593	94	236002	219.182	ug/L	99
8) Chloroethane	1.660	64	205709m	193.050	ug/L	
9) Trichlorofluoromethane	1.861	101	710492	210.349	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.313	101	304556	227.425	ug/L	94
12) 1,1-Dichloroethene	2.306	96	263967	221.163	ug/L #	71
13) Acetone	2.392	43	422088	428.359	ug/L	91
14) Carbon disulfide	2.495	76	598004	284.729	ug/L	99
15) Methyl Acetate	2.703	43	362803	224.532	ug/L	97
16) Methylene chloride	2.782	84	304071	224.377	ug/L	92
17) trans-1,2-Dichloroethene	3.081	96	278068	225.616	ug/L	94
18) Methyl tert-butyl Ether	3.117	73	1121168	223.201	ug/L	97
19) 1,1-Dichloroethane	3.605	63	585902	221.982	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	347350	229.305	ug/L	92
22) 2-Butanone	4.562	43	551032	452.692	ug/L	97
23) Bromochloromethane	4.897	128	169798	225.357	ug/L	91
25) Chloroform	5.086	83	648441	216.917	ug/L	97
27) 1,2-Dichloroethane	6.080	62	527790	214.339	ug/L	96
29) Cyclohexane	5.458	56	489666	208.429	ug/L	98
30) 1,1,1-Trichloroethane	5.379	97	569082	225.448	ug/L	97
31) Carbon tetrachloride	5.666	117	472146	233.738	ug/L	99
33) Benzene	6.031	78	1199096	205.981	ug/L	100
34) Trichloroethene	7.117	95	329969	214.588	ug/L	96
35) Methylcyclohexane	7.373	83	484343	204.950	ug/L	96
37) 1,2-Dichloropropane	7.428	63	326102	213.617	ug/L	100
38) Bromodichloromethane	7.818	83	466074	234.127	ug/L	97
39) cis-1,3-Dichloropropene	8.360	75	561596	223.209	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	1035941	427.245	ug/L	95
42) Toluene	8.714	91	1274695	208.436	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	543511	230.662	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.147	97	325331	208.696	ug/L	99
46) Tetrachloroethene	9.269	164	223063	218.467	ug/L	98
48) 2-Hexanone	9.433	43	809658	413.509	ug/L	94
49) Dibromochloromethane	9.519	129	343151	253.999	ug/L	99
50) 1,2-Dibromoethane	9.610	107	349192	216.176	ug/L	99
51) Chlorobenzene	10.079	112	803699	211.840	ug/L	99
52) Ethylbenzene	10.189	91	1431566	210.755	ug/L	100
53) m,p-Xylene	10.299	106	526701	211.111	ug/L	100
54) o-Xylene	10.640	106	531543	211.074	ug/L	99
55) Styrene	10.653	104	911251	217.443	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	521210	213.228	ug/L	98
59) Bromoform	10.799	173	233260	251.667	ug/L	98
60) Isopropylbenzene	10.963	105	1413901	188.043	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	401156	184.512	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	1174543	189.842	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	1183068	194.683	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	608922	206.441	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	608924	202.657	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	613089	199.648	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.939	75	119200	235.376	ug/L	95
69) 1,3,5-Trichlorobenzene	13.116	180	405294	213.558	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	378147	224.074	ug/L	96
71) Naphthalene	13.774	128	1473701	212.402	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	391523	217.992	ug/L	98

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

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