

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072824\
 Data File : VX042596.D
 Acq On : 26 Jul 2024 13:43
 Operator : JC/MD
 Sample : VSTD05014
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050614

Quant Time: Jul 27 00:35:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML072624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 27 00:33:58 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/29/2024
 Supervised By : Mahesh Dadoda 07/29/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	196220	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	177979	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	80574	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	60385	50.654	ug/L	0.00
7) Chloroethane-d5	1.648	69	25404m	51.714	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	29587	51.373	ug/L	0.00
21) 2-Butanone-d5	4.465	46	92236	104.394	ug/L	0.00
24) Chloroform-d	5.056	84	132074	50.617	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	84504	50.199	ug/L	0.00
32) Benzene-d6	5.970	84	255836	51.794	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.305	67	74835	51.190	ug/L	0.00
41) Toluene-d8	8.647	98	231047	52.169	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	35923	52.509	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	70135	107.655	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	107753	51.192	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	75731	49.733	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	83735	48.302	ug/L	100
3) Chloromethane	1.300	50	70259	49.010	ug/L	100
5) Vinyl chloride	1.374	62	67981	49.885	ug/L	100
6) Bromomethane	1.599	94	19519	45.615	ug/L	100
8) Chloroethane	1.666	64	25995m	51.982	ug/L	
9) Trichlorofluoromethane	1.874	101	94231m	49.165	ug/L	
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	66824	48.211	ug/L	100
12) 1,1-Dichloroethene	2.312	96	60940	48.040	ug/L	100
13) Acetone	2.392	43	67169	97.255	ug/L	100
14) Carbon disulfide	2.501	76	149528	48.277	ug/L	100
15) Methyl Acetate	2.709	43	74617	48.740	ug/L	100
16) Methylene chloride	2.788	84	71102	48.535	ug/L	100
17) trans-1,2-Dichloroethene	3.087	96	63013	48.405	ug/L	100
18) Methyl tert-butyl Ether	3.117	73	222452	49.300	ug/L	100
19) 1,1-Dichloroethane	3.605	63	120853	48.623	ug/L	100
20) cis-1,2-Dichloroethene	4.483	96	74201	49.903	ug/L	100
22) 2-Butanone	4.562	43	108280	102.942	ug/L	100
23) Bromochloromethane	4.897	128	34279	49.121	ug/L	100
25) Chloroform	5.092	83	129565	48.889	ug/L	100
27) 1,2-Dichloroethane	6.086	62	103610	49.225	ug/L	100
29) Cyclohexane	5.470	56	104600	49.714	ug/L	100
30) 1,1,1-Trichloroethane	5.379	97	111955	49.246	ug/L	100
31) Carbon tetrachloride	5.672	117	96571	50.292	ug/L	100
33) Benzene	6.037	78	269396	49.460	ug/L	100
34) Trichloroethene	7.123	95	69512	47.769	ug/L	100
35) Methylcyclohexane	7.379	83	110963	50.382	ug/L	100
37) 1,2-Dichloropropane	7.427	63	70143	49.551	ug/L	100
38) Bromodichloromethane	7.824	83	91508	50.016	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	110907	51.042	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	200556	102.977	ug/L	100
42) Toluene	8.720	91	281819	50.236	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	101562	51.970	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	70778	49.505	ug/L	100
46) Tetrachloroethene	9.275	164	48235	48.604	ug/L	100
48) 2-Hexanone	9.433	43	159271	105.151	ug/L	100
49) Dibromochloromethane	9.518	129	65801	49.287	ug/L	100
50) 1,2-Dibromoethane	9.610	107	73829	49.650	ug/L	100
51) Chlorobenzene	10.079	112	179941	49.601	ug/L	100
52) Ethylbenzene	10.195	91	310607	50.480	ug/L	100
53) m,p-Xylene	10.299	106	117450	50.669	ug/L	100
54) o-Xylene	10.640	106	117793	51.084	ug/L	100
55) Styrene	10.652	104	201670	52.467	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	113415	49.606	ug/L	100
59) Bromoform	10.799	173	43628	48.249	ug/L	100
60) Isopropylbenzene	10.963	105	303805	49.901	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	89557	48.044	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	253199	50.005	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	253732	50.750	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	126068	48.147	ug/L	100
65) 1,4-Dichlorobenzene	12.042	146	126863	48.103	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	128758	48.834	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.945	75	24377	49.087	ug/L	100
69) 1,3,5-Trichlorobenzene	13.109	180	79132	48.725	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	67255	47.222	ug/L	100
71) Naphthalene	13.774	128	275632	50.170	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	73512	49.829	ug/L	100

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

