

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110821\
 Data File : VX025088.D
 Acq On : 08 Nov 2021 09:26
 Operator : JC/MD
 Sample : VSTD00524
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005624

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/09/2021
 Supervised By : Mahesh Dadoda 11/09/2021

Quant Time: Nov 09 03:35:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML110821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 09 03:33:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	235654	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	173944	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	97734	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	10105	6.301	ug/L	0.00
7) Chloroethane-d5	1.673	69	8140	7.407	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.307	63	19263	5.180	ug/L	0.00
21) 2-Butanone-d5	4.471	46	13513m	9.167	ug/L	0.01
24) Chloroform-d	5.056	84	17153	4.360	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	13808	4.866	ug/L	0.00
32) Benzene-d6	5.971	84	31795	6.055	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	11150	6.718	ug/L	0.00
41) Toluene-d8	8.647	98	29800	6.330	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	5398	5.612	ug/L	0.00
47) 2-Hexanone-d5	9.385	63	7756	9.240	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	13980	6.318	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	9392	4.977	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	12667	5.710	ug/L	96
3) Chloromethane	1.295	50	9275	6.003	ug/L	83
5) Vinyl chloride	1.374	62	9826	5.537	ug/L	96
6) Bromomethane	1.618	94	8135	7.125	ug/L	98
8) Chloroethane	1.691	64	7447	8.014	ug/L #	81
9) Trichlorofluoromethane	1.892	101	19663	5.188	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	9323	5.352	ug/L	94
12) 1,1-Dichloroethene	2.325	96	8496	5.695	ug/L	84
13) Acetone	2.386	43	15999	11.333	ug/L	97
14) Carbon disulfide	2.514	76	21623	5.433	ug/L #	93
15) Methyl Acetate	2.709	43	9817	4.861	ug/L #	85
16) Methylene chloride	2.794	84	8960	5.293	ug/L	89
17) trans-1,2-Dichloroethene	3.093	96	8130	5.378	ug/L	90
18) Methyl tert-butyl Ether	3.111	73	31412	5.083	ug/L #	92
19) 1,1-Dichloroethane	3.611	63	17070	4.930	ug/L #	85
20) cis-1,2-Dichloroethene	4.495	96	9480m	5.492	ug/L	
22) 2-Butanone	4.568	43	16806	9.733	ug/L	70
23) Bromochloromethane	4.904	128	4673	5.515	ug/L #	77
25) Chloroform	5.105	83	17525	4.547	ug/L	78
27) 1,2-Dichloroethane	6.086	62	14241	4.269	ug/L	96
29) Cyclohexane	5.471	56	12288	5.067	ug/L #	79
30) 1,1,1-Trichloroethane	5.379	97	15192	4.991	ug/L	96
31) Carbon tetrachloride	5.678	117	13574	5.282	ug/L	99
33) Benzene	6.038	78	35722	6.327	ug/L	100
34) Trichloroethene	7.123	95	9765m	6.090	ug/L	
35) Methylcyclohexane	7.379	83	15102	6.565	ug/L #	88
37) 1,2-Dichloropropane	7.434	63	9100	6.017	ug/L #	94
38) Bromodichloromethane	7.818	83	11670	4.984	ug/L #	85
39) cis-1,3-Dichloropropene	8.366	75	14822	6.127	ug/L	93
40) 4-Methyl-2-pentanone	8.574	43	26000	11.194	ug/L #	83
42) Toluene	8.720	91	38270	6.579	ug/L	97
44) trans-1,3-Dichloropropene	8.976	75	14259	5.614	ug/L	100

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45) 1,1,2-Trichloroethane	9.153	97	8808	6.071	ug/L	96
46) Tetrachloroethene	9.275	164	5286	5.262	ug/L	95
48) 2-Hexanone	9.433	43	22429	11.472	ug/L #	75
49) Dibromochloromethane	9.519	129	7631	4.783	ug/L	97
50) 1,2-Dibromoethane	9.610	107	7511	4.749	ug/L #	89
51) Chlorobenzene	10.080	112	18996	5.366	ug/L	88
52) Ethylbenzene	10.195	91	34819	5.239	ug/L	92
53) m,p-Xylene	10.305	106	12679	5.491	ug/L	96
54) o-Xylene	10.640	106	11289	5.041	ug/L	96
55) Styrene	10.659	104	19092	5.015	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.214	83	14577	6.494	ug/L	98
59) Bromoform	10.799	173	5699	4.766	ug/L #	96
60) Isopropylbenzene	10.964	105	40045	5.247	ug/L	97
61) 1,2,3-Trichloropropane	11.238	75	12441	5.286	ug/L	95
62) 1,3,5-Trimethylbenzene	11.451	105	32257	5.063	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	32100	4.986	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	14539	5.063	ug/L	90
65) 1,4-Dichlorobenzene	12.043	146	16008	5.413	ug/L	89
67) 1,2-Dichlorobenzene	12.341	146	15999	5.437	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.945	75	3106	4.003	ug/L #	86
69) 1,3,5-Trichlorobenzene	13.116	180	8879	4.175	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	5259	2.831	ug/L	92
71) Naphthalene	13.780	128	15638	2.389	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	6311	3.308	ug/L	98

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

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