

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111121\
 Data File : VX025127.D
 Acq On : 11 Nov 2021 13:40
 Operator : JC/MD
 Sample : VSTD01031
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010631

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/12/2021
 Supervised By : Mahesh Dadoda 11/12/2021

Quant Time: Nov 11 14:30:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 11 14:29:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	258841	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	233822	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	114537	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	16494	7.431	ug/L	0.00
7) Chloroethane-d5	1.660	69	8930m	6.876	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	63	29032	6.863	ug/L	0.00
21) 2-Butanone-d5	4.464	46	24384	15.677	ug/L	0.00
24) Chloroform-d	5.056	84	29328	6.825	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	17919	6.452	ug/L	0.00
32) Benzene-d6	5.976	84	60634	7.793	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.311	67	18504	7.735	ug/L	0.00
41) Toluene-d8	8.653	98	58612	8.500	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.951	79	9579m	7.717	ug/L	0.00
47) 2-Hexanone-d5	9.390	63	19346	18.704	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	26315	7.800	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	21393	9.639	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	21205	8.314	ug/L	100
3) Chloromethane	1.288	50	22809	11.783	ug/L	88
5) Vinyl chloride	1.373	62	23302	10.546	ug/L	97
6) Bromomethane	1.611	94	8226	6.381	ug/L	92
8) Chloroethane	1.678	64	7735	6.261	ug/L	98
9) Trichlorofluoromethane	1.879	101	34434	8.791	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	17890	8.831	ug/L	97
12) 1,1-Dichloroethene	2.312	96	17444	9.657	ug/L	93
13) Acetone	2.392	43	28285	18.717	ug/L	97
14) Carbon disulfide	2.507	76	51721	10.731	ug/L	99
15) Methyl Acetate	2.709	43	20437	9.506	ug/L #	84
16) Methylene chloride	2.788	84	19276	9.557	ug/L	83
17) trans-1,2-Dichloroethene	3.093	96	18864	10.167	ug/L	88
18) Methyl tert-butyl Ether	3.117	73	58181	8.386	ug/L #	88
19) 1,1-Dichloroethane	3.605	63	31456	8.423	ug/L	94
20) cis-1,2-Dichloroethene	4.483	96	20587	9.667	ug/L #	97
22) 2-Butanone	4.568	43	35108	19.162	ug/L	86
23) Bromochloromethane	4.897	128	10783	10.594	ug/L #	82
25) Chloroform	5.092	83	32490	7.990	ug/L	97
27) 1,2-Dichloroethane	6.092	62	23265	7.506	ug/L #	84
29) Cyclohexane	5.470	56	31397	9.303	ug/L	86
30) 1,1,1-Trichloroethane	5.385	97	29552	7.621	ug/L #	94
31) Carbon tetrachloride	5.684	117	26488	8.469	ug/L	99
33) Benzene	6.037	78	74119	8.932	ug/L	100
34) Trichloroethene	7.122	95	19171	8.845	ug/L	86
35) Methylcyclohexane	7.379	83	33648	10.131	ug/L	93
37) 1,2-Dichloropropane	7.433	63	18689	9.508	ug/L	98
38) Bromodichloromethane	7.824	83	24771	8.686	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	29937	9.223	ug/L	98
40) 4-Methyl-2-pentanone	8.580	43	58614	18.906	ug/L #	84
42) Toluene	8.720	91	80611	9.748	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	28960	9.250	ug/L	98

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

45) 1,1,2-Trichloroethane	9.153	97	18481	10.256	ug/L	99
46) Tetrachloroethene	9.275	164	16237	12.870	ug/L	91
48) 2-Hexanone	9.439	43	48162	19.180	ug/L #	85
49) Dibromochloromethane	9.524	129	21183	10.903	ug/L	97
50) 1,2-Dibromoethane	9.610	107	20210	10.463	ug/L #	96
51) Chlorobenzene	10.079	112	51333	10.588	ug/L	99
52) Ethylbenzene	10.195	91	85612	9.681	ug/L	94
53) m,p-Xylene	10.305	106	34697	10.575	ug/L	83
54) o-Xylene	10.646	106	34142	10.874	ug/L	84
55) Styrene	10.658	104	56902	10.471	ug/L	82
57) 1,1,2,2-Tetrachloroethane	11.213	83	29244	8.771	ug/L	100
59) Bromoform	10.805	173	16576	12.422	ug/L #	98
60) Isopropylbenzene	10.963	105	86989	9.708	ug/L	95
61) 1,2,3-Trichloropropane	11.244	75	22777	8.670	ug/L	95
62) 1,3,5-Trimethylbenzene	11.451	105	73527	9.622	ug/L	87
63) 1,2,4-Trimethylbenzene	11.756	105	73083	9.811	ug/L #	85
64) 1,3-Dichlorobenzene	11.969	146	39086	11.327	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	39333	11.214	ug/L	92
67) 1,2-Dichlorobenzene	12.335	146	38541	10.924	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.945	75	6198	7.870	ug/L #	59
69) 1,3,5-Trichlorobenzene	13.115	180	27879	11.620	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	22524	11.228	ug/L	98
71) Naphthalene	13.780	128	75006	10.656	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	22087	11.315	ug/L	95

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

