

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111121\
 Data File : VX025128.D
 Acq On : 11 Nov 2021 14:03
 Operator : JC/MD
 Sample : VSTD05032
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050632

Quant Time: Nov 11 14:30:45 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	232478	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	211405	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	109524	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	78124	39.189	ug/L	0.00
7) Chloroethane-d5	1.660	69	34145	29.272	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	63	131944	34.729	ug/L	0.00
21) 2-Butanone-d5	4.465	46	119429	85.489	ug/L	0.00
24) Chloroform-d	5.062	84	137969	35.749	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	82531	33.087	ug/L	0.00
32) Benzene-d6	5.976	84	288590	41.027	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	88835	41.072	ug/L	0.00
41) Toluene-d8	8.653	98	271791	43.595	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	47043	41.918	ug/L	0.00
47) 2-Hexanone-d5	9.391	63	95980	102.636	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	125685	41.203	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	105172	49.558	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	85369	37.266	ug/L	98
3) Chloromethane	1.288	50	92063	52.950	ug/L	87
5) Vinyl chloride	1.374	62	94902	47.820	ug/L	99
6) Bromomethane	1.605	94	33317	28.775	ug/L	100
8) Chloroethane	1.679	64	46398	41.814	ug/L	97
9) Trichlorofluoromethane	1.880	101	140093	39.820	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	72544	39.869	ug/L	96
12) 1,1-Dichloroethene	2.319	96	70444	43.422	ug/L #	80
13) Acetone	2.386	43	104903	77.287	ug/L	97
14) Carbon disulfide	2.508	76	208835	48.241	ug/L	99
15) Methyl Acetate	2.703	43	85201	44.124	ug/L #	81
16) Methylene chloride	2.788	84	74985	41.394	ug/L	82
17) trans-1,2-Dichloroethene	3.093	96	74911	44.954	ug/L	86
18) Methyl tert-butyl Ether	3.117	73	237949	38.184	ug/L #	89
19) 1,1-Dichloroethane	3.611	63	129355	38.564	ug/L	93
20) cis-1,2-Dichloroethene	4.489	96	83111m	43.453	ug/L	
22) 2-Butanone	4.562	43	142914	86.850	ug/L	85
23) Bromochloromethane	4.904	128	43196	47.252	ug/L #	77
25) Chloroform	5.099	83	131677	36.054	ug/L	97
27) 1,2-Dichloroethane	6.092	62	97443	35.005	ug/L #	88
29) Cyclohexane	5.471	56	127095	41.653	ug/L	85
30) 1,1,1-Trichloroethane	5.385	97	121510	34.660	ug/L #	94
31) Carbon tetrachloride	5.678	117	108241	38.278	ug/L	99
33) Benzene	6.044	78	307123	40.933	ug/L	100
34) Trichloroethene	7.129	95	79611	40.625	ug/L	84
35) Methylcyclohexane	7.385	83	134567	44.812	ug/L	93
37) 1,2-Dichloropropane	7.434	63	75785	42.645	ug/L	100
38) Bromodichloromethane	7.824	83	103754	40.240	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	126406	43.074	ug/L	98
40) 4-Methyl-2-pentanone	8.580	43	243455	86.854	ug/L #	84
42) Toluene	8.720	91	332076	44.416	ug/L	97
44) trans-1,3-Dichloropropene	8.982	75	122718	43.353	ug/L	97

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

45) 1,1,2-Trichloroethane	9.153	97	76505	46.958	ug/L	98
46) Tetrachloroethene	9.275	164	67072	58.799	ug/L	89
48) 2-Hexanone	9.433	43	200452	88.295	ug/L #	85
49) Dibromochloromethane	9.525	129	87915	50.049	ug/L	96
50) 1,2-Dibromoethane	9.610	107	82247	47.095	ug/L #	96
51) Chlorobenzene	10.079	112	213852	48.785	ug/L	97
52) Ethylbenzene	10.195	91	358431	44.829	ug/L	95
53) m,p-Xylene	10.305	106	143650	48.422	ug/L	81
54) o-Xylene	10.646	106	141639	49.893	ug/L	80
55) Styrene	10.659	104	241894	49.232	ug/L	82
57) 1,1,2,2-Tetrachloroethane	11.213	83	121915	40.444	ug/L	96
59) Bromoform	10.805	173	68760	53.889	ug/L #	95
60) Isopropylbenzene	10.963	105	364101	42.491	ug/L	95
61) 1,2,3-Trichloropropane	11.244	75	95275	37.927	ug/L	95
62) 1,3,5-Trimethylbenzene	11.451	105	307340m	42.060	ug/L	
63) 1,2,4-Trimethylbenzene	11.756	105	310135m	43.538	ug/L	
64) 1,3-Dichlorobenzene	11.969	146	164938	49.986	ug/L	95
65) 1,4-Dichlorobenzene	12.042	146	163402	48.720	ug/L	95
67) 1,2-Dichlorobenzene	12.335	146	165355	49.015	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.945	75	28471	37.804	ug/L #	64
69) 1,3,5-Trichlorobenzene	13.115	180	119551	52.111	ug/L	96
70) 1,2,4-trichlorobenzene	13.591	180	107638	56.110	ug/L	96
71) Naphthalene	13.780	128	382373	56.810	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	108417	58.084	ug/L	96

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

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