

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
 Data File : VX025230.D
 Acq On : 18 Nov 2021 23:28
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050709

Quant Time: Nov 19 05:32:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 19 05:25:45 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

11/19/2021
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	178942	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	167126	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	85033	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	52061	43.065	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.120%
7) Chloroethane-d5	1.660	69	43379	62.960	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	125.920%
11) 1,1-Dichloroethene-d2	2.307	63	86909	41.799	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.600%
21) 2-Butanone-d5	4.459	46	88216	96.564	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.560%
24) Chloroform-d	5.062	84	98302	46.223	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.440%
26) 1,2-Dichloroethane-d4	5.958	65	59704	46.315	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.640%
32) Benzene-d6	5.977	84	196358	43.048	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.100%
36) 1,2-Dichloropropane-d6	7.312	67	60464	43.413	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.820%
41) Toluene-d8	8.653	98	184803	42.425	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.860%
43) trans-1,3-Dichloroprop...	8.952	79	30762	40.687	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.380%
47) 2-Hexanone-d5	9.385	63	68457	91.532	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.530%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	90257	44.993	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.980%
66) 1,2-Dichlorobenzene-d4	12.323	152	76094	45.142	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.280%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	54502	38.971	ug/L	99
3) Chloromethane	1.295	50	55694	36.785	ug/L	88
5) Vinyl chloride	1.374	62	65746	42.109	ug/L	99
6) Bromomethane	1.599	94	35445	59.161	ug/L	96
8) Chloroethane	1.679	64	41499	52.930	ug/L	99
9) Trichlorofluoromethane	1.886	101	102369	44.919	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	51548	43.650	ug/L	96
12) 1,1-Dichloroethene	2.319	96	48834	42.803	ug/L	83
13) Acetone	2.380	43	56797	66.278	ug/L	98
14) Carbon disulfide	2.508	76	121379	34.529	ug/L	99
15) Methyl Acetate	2.703	43	61994	44.434	ug/L #	82
16) Methylene chloride	2.788	84	55703	44.135	ug/L	82
17) trans-1,2-Dichloroethene	3.093	96	52296	42.206	ug/L	88
18) Methyl tert-butyl Ether	3.117	73	176295	45.520	ug/L #	90
19) 1,1-Dichloroethane	3.611	63	93736	44.723	ug/L	94
20) cis-1,2-Dichloroethene	4.489	96	61708	45.011	ug/L	93
22) 2-Butanone	4.562	43	93191	81.694	ug/L	84
23) Bromochloromethane	4.904	128	32899m	46.611	ug/L	
25) Chloroform	5.099	83	100937	46.986	ug/L	99

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27) 1,2-Dichloroethane	6.092	62	74953	47.586	ug/L	#	88
29) Cyclohexane	5.471	56	84656	39.649	ug/L		88
30) 1,1,1-Trichloroethane	5.391	97	92104	44.848	ug/L	#	94
31) Carbon tetrachloride	5.684	117	81370	44.871	ug/L		98
33) Benzene	6.044	78	219099	42.670	ug/L		100
34) Trichloroethene	7.129	95	59090	44.039	ug/L		84
35) Methylcyclohexane	7.385	83	91015	40.113	ug/L		94
37) 1,2-Dichloropropane	7.434	63	55578	43.209	ug/L		100
38) Bromodichloromethane	7.824	83	76573	43.991	ug/L		98
39) cis-1,3-Dichloropropene	8.366	75	87693	41.520	ug/L		99
40) 4-Methyl-2-pentanone	8.574	43	181520	88.796	ug/L	#	84
42) Toluene	8.720	91	244275	43.799	ug/L		94
44) trans-1,3-Dichloropropene	8.982	75	85525	41.608	ug/L		97
45) 1,1,2-Trichloroethane	9.153	97	59701	45.965	ug/L		100
46) Tetrachloroethene	9.275	164	50424	45.042	ug/L		89
48) 2-Hexanone	9.433	43	142886	85.273	ug/L	#	84
49) Dibromochloromethane	9.525	129	68425	46.149	ug/L		94
50) 1,2-Dibromoethane	9.610	107	63913	45.979	ug/L	#	97
51) Chlorobenzene	10.080	112	170052	47.454	ug/L		96
52) Ethylbenzene	10.195	91	265272	44.249	ug/L		93
53) m,p-Xylene	10.305	106	106403	43.900	ug/L		80
54) o-Xylene	10.647	106	106320	44.453	ug/L		81
55) Styrene	10.659	104	180644	44.479	ug/L		80
57) 1,1,2,2-Tetrachloroethane	11.213	83	91055	44.155	ug/L		97
59) Bromoform	10.799	173	52093	45.331	ug/L	#	94
60) Isopropylbenzene	10.964	105	274572	45.157	ug/L		95
61) 1,2,3-Trichloropropane	11.244	75	74317	46.414	ug/L		97
62) 1,3,5-Trimethylbenzene	11.451	105	232978	45.161	ug/L		88
63) 1,2,4-Trimethylbenzene	11.756	105	232402m	44.902	ug/L		
64) 1,3-Dichlorobenzene	11.969	146	129468	46.710	ug/L		95
65) 1,4-Dichlorobenzene	12.043	146	125539	45.333	ug/L		95
67) 1,2-Dichlorobenzene	12.335	146	127526	46.324	ug/L		93
68) 1,2-Dibromo-3-chloropr...	12.945	75	20954	45.248	ug/L	#	61
69) 1,3,5-Trichlorobenzene	13.116	180	90186	44.975	ug/L		96
70) 1,2,4-trichlorobenzene	13.591	180	79964	45.716	ug/L		96
71) Naphthalene	13.780	128	287138	48.409	ug/L		99
72) 1,2,3-Trichlorobenzene	13.963	180	81448	46.970	ug/L		96

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

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