

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
 Data File : VX025245.D
 Acq On : 19 Nov 2021 19:49
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050711

Quant Time: Nov 22 00:15:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 22 00:11:59 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/22/2021
 Supervised By :Semsettin Yesilyurt 11/22/2021

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	178786	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	166006	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	86630	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	56118	46.461	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	92.920%		
7) Chloroethane-d5	1.660	69	47288	68.694	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	137.380%#		
11) 1,1-Dichloroethene-d2	2.306	63	92430	44.493	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.980%		
21) 2-Butanone-d5	4.458	46	85630	93.815	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	93.810%		
24) Chloroform-d	5.062	84	101527	47.781	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.560%		
26) 1,2-Dichloroethane-d4	5.958	65	61828	48.005	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.000%		
32) Benzene-d6	5.976	84	204356	45.104	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.200%		
36) 1,2-Dichloropropane-d6	7.312	67	61227	44.257	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.520%		
41) Toluene-d8	8.653	98	189912	43.892	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.780%		
43) trans-1,3-Dichloroprop...	8.952	79	30918	41.169	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.340%		
47) 2-Hexanone-d5	9.384	63	66321	89.274	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.270%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	90481	45.409	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.820%		
66) 1,2-Dichlorobenzene-d4	12.323	152	77821	45.316	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.640%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	53600	38.360	ug/L	99
3) Chloromethane	1.294	50	51610	34.117	ug/L	89
5) Vinyl chloride	1.374	62	63154	40.485	ug/L	97
6) Bromomethane	1.599	94	31491	52.607	ug/L	96
8) Chloroethane	1.685	64	41496	52.972	ug/L	97
9) Trichlorofluoromethane	1.886	101	96342	42.311	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	51318	43.493	ug/L	96
12) 1,1-Dichloroethene	2.319	96	47907	42.027	ug/L	87
13) Acetone	2.380	43	65103	76.037	ug/L	100
14) Carbon disulfide	2.514	76	115531	32.894	ug/L	99
15) Methyl Acetate	2.703	43	59471	42.663	ug/L #	81
16) Methylene chloride	2.788	84	55627	44.114	ug/L	83
17) trans-1,2-Dichloroethene	3.093	96	50851	41.076	ug/L	90
18) Methyl tert-butyl Ether	3.117	73	176158	45.524	ug/L #	90
19) 1,1-Dichloroethane	3.611	63	93080	44.448	ug/L	95
20) cis-1,2-Dichloroethene	4.495	96	60662	44.287	ug/L	98
22) 2-Butanone	4.556	43	93649	82.167	ug/L	85
23) Bromochloromethane	4.903	128	32050	45.448	ug/L #	78
25) Chloroform	5.092	83	100104	46.639	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	74750	47.498	ug/L #	88
29) Cyclohexane	5.470	56	84178	39.691	ug/L #	82
30) 1,1,1-Trichloroethane	5.385	97	90414	44.322	ug/L #	94
31) Carbon tetrachloride	5.684	117	80675	44.788	ug/L	98
33) Benzene	6.044	78	219423	43.022	ug/L	100
34) Trichloroethene	7.129	95	57733	43.318	ug/L	82
35) Methylcyclohexane	7.385	83	91595	40.641	ug/L	94
37) 1,2-Dichloropropane	7.434	63	55211	43.213	ug/L	100
38) Bromodichloromethane	7.824	83	76319	44.141	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	88616	42.241	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	177059	87.198	ug/L #	85
42) Toluene	8.720	91	241817	43.651	ug/L	97
44) trans-1,3-Dichloropropene	8.982	75	85461	41.857	ug/L	96
45) 1,1,2-Trichloroethane	9.153	97	58622	45.438	ug/L	98
46) Tetrachloroethene	9.275	164	48625	43.728	ug/L	89
48) 2-Hexanone	9.433	43	137278	82.479	ug/L #	85
49) Dibromochloromethane	9.525	129	67597	45.898	ug/L	99
50) 1,2-Dibromoethane	9.610	107	62507	45.271	ug/L #	93
51) Chlorobenzene	10.079	112	163023	45.800	ug/L	96
52) Ethylbenzene	10.195	91	264659	44.445	ug/L	93
53) m,p-Xylene	10.305	106	107574	44.682	ug/L	75
54) o-Xylene	10.646	106	106512	44.834	ug/L	81
55) Styrene	10.659	104	180211	44.672	ug/L	81
57) 1,1,2,2-Tetrachloroethane	11.213	83	92406	45.113	ug/L	97
59) Bromoform	10.799	173	51246	43.772	ug/L #	96
60) Isopropylbenzene	10.963	105	274051	44.241	ug/L	95
61) 1,2,3-Trichloropropane	11.244	75	73975	45.349	ug/L	95
62) 1,3,5-Trimethylbenzene	11.451	105	234319	44.584	ug/L	89
63) 1,2,4-Trimethylbenzene	11.756	105	230904m	43.791	ug/L	
64) 1,3-Dichlorobenzene	11.969	146	127640	45.202	ug/L	94
65) 1,4-Dichlorobenzene	12.042	146	126940	44.994	ug/L	93
67) 1,2-Dichlorobenzene	12.335	146	127713	45.536	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.945	75	19767	41.898	ug/L #	63
69) 1,3,5-Trichlorobenzene	13.115	180	90567	44.332	ug/L	96
70) 1,2,4-trichlorobenzene	13.591	180	79484	44.604	ug/L	97
71) Naphthalene	13.774	128	291113	48.175	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	81541	46.157	ug/L	96

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

