

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070624\
 Data File : VX042213.D
 Acq On : 05 Jul 2024 15:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050743

Quant Time: Jul 06 05:34:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 04 05:08:27 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/08/2024
 Supervised By :Semsettin Yesilyurt 07/08/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	266191	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	245899	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	131837	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	76043	49.079	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	98.160%		
7) Chloroethane-d5	1.648	69	46432	47.596	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.200%		
11) 1,1-Dichloroethene-d2	2.294	65	32594	48.066	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.140%		
21) 2-Butanone-d5	4.471	46	111903	100.221	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	100.220%		
24) Chloroform-d	5.056	84	153040	49.125	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.260%		
26) 1,2-Dichloroethane-d4	5.958	65	93306	50.743	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.480%		
32) Benzene-d6	5.970	84	312710	49.200	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.400%		
36) 1,2-Dichloropropane-d6	7.312	67	95528	49.942	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.880%		
41) Toluene-d8	8.647	98	294000	49.637	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.280%		
43) trans-1,3-Dichloroprop...	8.952	79	40873	49.442	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.880%		
47) 2-Hexanone-d5	9.384	63	89110	102.633	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	102.630%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	140636	49.733	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	99.460%		
66) 1,2-Dichlorobenzene-d4	12.323	152	125223	48.902	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.800%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	105038	55.166	ug/L	99
3) Chloromethane	1.300	50	99295	51.605	ug/L	98
5) Vinyl chloride	1.374	62	97269	51.397	ug/L	98
6) Bromomethane	1.599	94	52199	50.619	ug/L	97
8) Chloroethane	1.666	64	47732	50.601	ug/L	99
9) Trichlorofluoromethane	1.867	101	126240m	51.254	ug/L	
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	84882	50.006	ug/L	98
12) 1,1-Dichloroethene	2.306	96	79781	49.620	ug/L	97
13) Acetone	2.392	43	72926	95.741	ug/L	95
14) Carbon disulfide	2.501	76	194237	48.560	ug/L	100
15) Methyl Acetate	2.709	43	98746	51.023	ug/L	100
16) Methylene chloride	2.788	84	92398	46.579	ug/L	99
17) trans-1,2-Dichloroethene	3.087	96	82272	49.750	ug/L	99
18) Methyl tert-butyl Ether	3.123	73	275242	50.898	ug/L	99
19) 1,1-Dichloroethane	3.605	63	151745	51.100	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	96771	49.810	ug/L	99
22) 2-Butanone	4.568	43	132877	104.216	ug/L	99
23) Bromochloromethane	4.903	128	52793	50.847	ug/L	98
25) Chloroform	5.092	83	157898	50.712	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	117001	50.706	ug/L	98
29) Cyclohexane	5.464	56	136323	51.297	ug/L	100
30) 1,1,1-Trichloroethane	5.379	97	136125	50.847	ug/L	99
31) Carbon tetrachloride	5.672	117	119191	50.970	ug/L	100
33) Benzene	6.037	78	348818	50.727	ug/L	100
34) Trichloroethene	7.123	95	90077	50.009	ug/L	99
35) Methylcyclohexane	7.379	83	137818	50.462	ug/L	98
37) 1,2-Dichloropropane	7.433	63	90868	51.502	ug/L	100
38) Bromodichloromethane	7.824	83	111662	51.682	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	134607	51.814	ug/L	100
40) 4-Methyl-2-pentanone	8.580	43	263147	104.567	ug/L	99
42) Toluene	8.720	91	378723	51.616	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	120854	51.886	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	97444	51.617	ug/L	99
46) Tetrachloroethene	9.275	164	85335	50.614	ug/L	96
48) 2-Hexanone	9.433	43	203777	103.112	ug/L	99
49) Dibromochloromethane	9.525	129	99067	51.527	ug/L	99
50) 1,2-Dibromoethane	9.610	107	103693	51.143	ug/L	99
51) Chlorobenzene	10.079	112	253755	50.381	ug/L	99
52) Ethylbenzene	10.195	91	411651	51.628	ug/L	98
53) m,p-Xylene	10.299	106	164996	51.411	ug/L	99
54) o-Xylene	10.640	106	166080	51.805	ug/L	99
55) Styrene	10.659	104	277729	51.992	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.213	83	153486	50.656	ug/L	100
59) Bromoform	10.799	173	84056	50.865	ug/L	99
60) Isopropylbenzene	10.963	105	428021	51.855	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	117839	50.336	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	323341	51.516	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	351759	52.294	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	209988	50.727	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	205828	49.155	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	215188	50.499	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	31061	51.831	ug/L	97
69) 1,3,5-Trichlorobenzene	13.115	180	155303	51.635	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	137939	50.422	ug/L	99
71) Naphthalene	13.774	128	445397	52.667	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	146402	50.645	ug/L	98

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

