

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050924\
 Data File : VX041442.D
 Acq On : 09 May 2024 18:15
 Operator : JC/MD
 Sample : P2374-06MSD 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 E0Y34MSD

Quant Time: May 09 23:42:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML050924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 09 23:24:52 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/10/2024
 Supervised By : Mahesh Dadoda 05/10/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	268016	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	248484	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	138581	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	70305	46.251	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	92.500%		
7) Chloroethane-d5	1.648	69	52959	47.487	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.980%		
11) 1,1-Dichloroethene-d2	2.294	65	37945	49.598	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	99.200%		
21) 2-Butanone-d5	4.465	46	129944	114.665	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	114.660%		
24) Chloroform-d	5.056	84	174779	51.997	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.000%		
26) 1,2-Dichloroethane-d4	5.952	65	112449	46.504	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.000%		
32) Benzene-d6	5.970	84	328703	48.422	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.840%		
36) 1,2-Dichloropropane-d6	7.305	67	98195	48.683	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.360%		
41) Toluene-d8	8.647	98	308964	44.067	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.140%		
43) trans-1,3-Dichloroprop...	8.952	79	41227	40.798	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.600%		
47) 2-Hexanone-d5	9.384	63	97905	104.166	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	104.170%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	136687	43.061	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	86.120%		
66) 1,2-Dichlorobenzene-d4	12.317	152	144633	51.077	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.160%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	87410	47.369	ug/L	99
3) Chloromethane	1.300	50	76887	48.855	ug/L	97
5) Vinyl chloride	1.374	62	80071	49.396	ug/L	100
6) Bromomethane	1.599	94	56607	50.101	ug/L	100
8) Chloroethane	1.666	64	47173	50.824	ug/L	98
9) Trichlorofluoromethane	1.867	101	140640	49.277	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	90713	51.746	ug/L	99
12) 1,1-Dichloroethene	2.312	96	81820m	52.544	ug/L	
13) Acetone	2.392	43	92218	79.259	ug/L	100
14) Carbon disulfide	2.501	76	196846	52.444	ug/L	100
15) Methyl Acetate	2.709	43	104643	53.290	ug/L	98
16) Methylene chloride	2.788	84	92686	53.630	ug/L	98
17) trans-1,2-Dichloroethene	3.087	96	82856	51.776	ug/L	99
18) Methyl tert-butyl Ether	3.117	73	289736	53.067	ug/L	100
19) 1,1-Dichloroethane	3.605	63	156542	52.828	ug/L	100
20) cis-1,2-Dichloroethene	4.483	96	97461	52.759	ug/L	99
22) 2-Butanone	4.568	43	140970	97.033	ug/L	98
23) Bromochloromethane	4.897	128	53311	54.229	ug/L	99
25) Chloroform	5.092	83	166995	52.190	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	141303	52.997	ug/L	97
29) Cyclohexane	5.464	56	140394	50.813	ug/L	100
30) 1,1,1-Trichloroethane	5.379	97	149358	51.067	ug/L	99
31) Carbon tetrachloride	5.672	117	132054	50.859	ug/L	99
33) Benzene	6.037	78	347846	50.030	ug/L	100
34) Trichloroethene	7.123	95	94104	49.412	ug/L	96
35) Methylcyclohexane	7.379	83	145401	49.271	ug/L	99
37) 1,2-Dichloropropane	7.427	63	90025	51.419	ug/L	99
38) Bromodichloromethane	7.818	83	115323	48.731	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	142776	49.243	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	281152	99.783	ug/L	100
42) Toluene	8.714	91	381873	50.332	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	121129	44.800	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	95498	49.327	ug/L	97
46) Tetrachloroethene	9.275	164	87934	48.246	ug/L	96
48) 2-Hexanone	9.433	43	221369	98.066	ug/L	99
49) Dibromochloromethane	9.518	129	100945	51.580	ug/L	100
50) 1,2-Dibromoethane	9.610	107	103954	51.608	ug/L	98
51) Chlorobenzene	10.079	112	257560	50.905	ug/L	98
52) Ethylbenzene	10.195	91	425690	51.136	ug/L	98
53) m,p-Xylene	10.299	106	170393	51.170	ug/L	99
54) o-Xylene	10.640	106	160568	47.319	ug/L	99
55) Styrene	10.652	104	272733	48.128	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	143219	44.584	ug/L	100
59) Bromoform	10.799	173	74679	46.049	ug/L	100
60) Isopropylbenzene	10.963	105	380100	44.954	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	111504	47.069	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	291252	50.984	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	369381	53.368	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	223001	51.841	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	225297	51.453	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	229421	51.504	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.939	75	34644	54.348	ug/L	86
69) 1,3,5-Trichlorobenzene	13.109	180	161891	50.424	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	155318	52.977	ug/L	99
71) Naphthalene	13.774	128	481211	54.991	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	164863	53.930	ug/L	98

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

