

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
 Data File : VX041290.D
 Acq On : 30 Apr 2024 09:51
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/01/2024
 Supervised By : Semsettin Yesilyurt 05/01/2024

Quant Time: May 01 02:26:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 02:16:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	230588	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	300204	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	264679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	146374	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	122855	48.941	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.880%		
35) Dibromofluoromethane	5.385	113	104237	51.237	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.480%		
50) Toluene-d8	8.647	98	323966	50.313	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.620%		
62) 4-Bromofluorobenzene	11.079	95	131526	52.767	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.540%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	109483	57.783	ug/l	98
3) Chloromethane	1.300	50	98063	50.016	ug/l	99
4) Vinyl Chloride	1.374	62	95261	50.967	ug/l	99
5) Bromomethane	1.599	94	60453	51.594	ug/l	98
6) Chloroethane	1.666	64	43540	50.172	ug/l	98
7) Trichlorofluoromethane	1.867	101	155637	48.290	ug/l	99
8) Diethyl Ether	2.136	74	54499	47.976	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.319	101	95853	52.916	ug/l #	87
10) Methyl Iodide	2.447	142	107890	55.340	ug/l #	88
11) Tert butyl alcohol	3.020	59	127219	253.204	ug/l #	95
12) 1,1-Dichloroethene	2.306	96	94600	52.942	ug/l	88
13) Acrolein	2.239	56	97508	244.630	ug/l	99
14) Allyl chloride	2.660	41	162351	54.080	ug/l	97
15) Acrylonitrile	3.075	53	284705	248.279	ug/l	100
16) Acetone	2.392	43	266606	241.038	ug/l	95
17) Carbon Disulfide	2.501	76	224705	53.496	ug/l	99
18) Methyl Acetate	2.709	43	123835	48.217	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	321148	49.302	ug/l	98
20) Methylene Chloride	2.788	84	103873	47.664	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	98762	49.457	ug/l	89
22) Diisopropyl ether	3.763	45	314853	49.487	ug/l	93
23) Vinyl Acetate	3.721	43	1473905	258.973	ug/l	96
24) 1,1-Dichloroethane	3.605	63	178349	49.618	ug/l	97
25) 2-Butanone	4.568	43	409587	252.098	ug/l	97
26) 2,2-Dichloropropane	4.471	77	151239	50.324	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	120323	50.890	ug/l	90
28) Bromochloromethane	4.897	49	59712	46.548	ug/l #	75
29) Tetrahydrofuran	5.013	42	260341	245.014	ug/l	95
30) Chloroform	5.092	83	186012	49.742	ug/l	99
31) Cyclohexane	5.464	56	152015	50.175	ug/l	90
32) 1,1,1-Trichloroethane	5.379	97	169906	49.940	ug/l	97
36) 1,1-Dichloropropene	5.690	75	125925	51.765	ug/l	96
37) Ethyl Acetate	4.721	43	158794	52.316	ug/l	99
38) Carbon Tetrachloride	5.672	117	148853	53.414	ug/l	99
39) Methylcyclohexane	7.373	83	137534	48.124	ug/l	92
40) Benzene	6.031	78	380146	50.692	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	85832	54.943	ug/l	95
42) 1,2-Dichloroethane	6.086	62	142897	51.993	ug/l	96
43) Isopropyl Acetate	6.348	43	238154	52.184	ug/l	98
44) Trichloroethene	7.123	130	91568	46.241	ug/l	84
45) 1,2-Dichloropropane	7.427	63	81427	48.598	ug/l	99
46) Dibromomethane	7.580	93	68089	51.047	ug/l #	78
47) Bromodichloromethane	7.824	83	130432	54.875	ug/l	97
48) Methyl methacrylate	7.696	41	112625	53.835	ug/l	96
49) 1,4-Dioxane	7.671	88	47090m	1091.929	ug/l	
51) 4-Methyl-2-Pentanone	8.580	43	733776	267.951	ug/l	99
52) Toluene	8.714	92	230443	50.233	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	128604	54.608	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	143581	54.947	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	90468	51.208	ug/l	98
56) Ethyl methacrylate	9.116	69	150061	54.884	ug/l	98
57) 1,3-Dichloropropane	9.305	76	144627	49.052	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	361432	272.628	ug/l	92
59) 2-Hexanone	9.433	43	570776	260.655	ug/l	98
60) Dibromochloromethane	9.525	129	113812	54.723	ug/l	99
61) 1,2-Dibromoethane	9.610	107	97006	49.911	ug/l	100
64) Tetrachloroethene	9.275	164	93887	48.985	ug/l	90
65) Chlorobenzene	10.079	112	257516	47.927	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	99194	52.248	ug/l	97
67) Ethyl Benzene	10.195	91	446623	50.382	ug/l	98
68) m/p-Xylenes	10.299	106	358659	101.032	ug/l	93
69) o-Xylene	10.640	106	184413	54.255	ug/l	93
70) Styrene	10.652	104	312569	56.041	ug/l	96
71) Bromoform	10.799	173	95037	55.935	ug/l #	100
73) Isopropylbenzene	10.963	105	437997	49.021	ug/l	96
74) N-amyl acetate	10.841	43	215302	55.155	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	147727	50.457	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	115369m	47.465	ug/l	
77) Bromobenzene	11.195	156	129191	51.230	ug/l	78
78) n-propylbenzene	11.305	91	460678	49.090	ug/l	96
79) 2-Chlorotoluene	11.366	91	287893	47.606	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	380576	52.250	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	47638	54.397	ug/l	94
82) 4-Chlorotoluene	11.451	91	357663	52.096	ug/l	93
83) tert-Butylbenzene	11.713	119	401604	51.489	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	371257	50.657	ug/l	94
85) sec-Butylbenzene	11.890	105	474452	53.079	ug/l	95
86) p-Isopropyltoluene	12.006	119	421473	52.501	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	236580	51.613	ug/l	94
88) 1,4-Dichlorobenzene	12.042	146	235866	49.945	ug/l	95
89) n-Butylbenzene	12.329	91	338835	52.490	ug/l	97
90) Hexachloroethane	12.536	117	72552	54.041	ug/l #	58
91) 1,2-Dichlorobenzene	12.335	146	238134	49.186	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	36659	54.186	ug/l	60
93) 1,2,4-Trichlorobenzene	13.585	180	181580	53.655	ug/l	95
94) Hexachlorobutadiene	13.725	225	85143	50.381	ug/l	99
95) Naphthalene	13.774	128	543978	54.242	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	168994	48.860	ug/l	95

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

