

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
 Data File : VX029557.D
 Acq On : 18 Jun 2022 07:41
 Operator : JC/MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/23/2022
 Supervised By :Mahesh Dadoda 06/23/2022

Quant Time: Jun 18 10:33:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 10:29:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	250793	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	440045	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	391214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	181682	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	32483	8.096	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	16.200%#		
35) Dibromofluoromethane	5.391	113	27126	7.480	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	14.960%#		
50) Toluene-d8	8.653	98	98092	7.565	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	15.120%#		
62) 4-Bromofluorobenzene	11.085	95	36381	7.221	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	14.440%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	31704	8.316	ug/l	96
3) Chloromethane	1.288	50	32257	7.936	ug/l	100
4) Vinyl Chloride	1.374	62	29998	7.246	ug/l	97
5) Bromomethane	1.611	94	16819	7.753	ug/l	98
6) Chloroethane	1.691	64	19859	9.072	ug/l	98
7) Trichlorofluoromethane	1.892	101	41308	6.883	ug/l	98
8) Diethyl Ether	2.136	74	16965	7.215	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	26046	7.147	ug/l	97
10) Methyl Iodide	2.453	142	22434	5.631	ug/l	96
11) Tert butyl alcohol	2.977	59	41378	36.438	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	25360	7.178	ug/l	99
13) Acrolein	2.239	56	8541	21.063	ug/l	100
14) Allyl chloride	2.666	41	40493	7.130	ug/l	94
15) Acrylonitrile	3.068	53	76571	34.379	ug/l	99
16) Acetone	2.386	43	64778	34.247	ug/l	98
17) Carbon Disulfide	2.514	76	62932	7.188	ug/l	100
18) Methyl Acetate	2.709	43	34202	6.801	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	86498	7.095	ug/l	99
20) Methylene Chloride	2.788	84	28923	6.804	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	26660	6.714	ug/l	97
22) Diisopropyl ether	3.763	45	81157	7.137	ug/l #	86
23) Vinyl Acetate	3.727	43	337628	35.912	ug/l	98
24) 1,1-Dichloroethane	3.611	63	48003	6.977	ug/l	97
25) 2-Butanone	4.568	43	104225	34.903	ug/l	99
26) 2,2-Dichloropropane	4.477	77	36756	7.382	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	31583	6.722	ug/l	97
28) Bromochloromethane	4.903	49	17099	6.344	ug/l	97
29) Tetrahydrofuran	5.013	42	69428	35.640	ug/l	94
30) Chloroform	5.099	83	50617	6.810	ug/l	99
31) Cyclohexane	5.477	56	43241	6.895	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	44335	6.927	ug/l	98
36) 1,1-Dichloropropene	5.696	75	37744	6.568	ug/l	99
37) Ethyl Acetate	4.714	43	37546	6.349	ug/l	100
38) Carbon Tetrachloride	5.678	117	35413	6.039	ug/l	97
39) Methylcyclohexane	7.379	83	45575	6.417	ug/l	98
40) Benzene	6.044	78	110812	6.473	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	20663	7.089	ug/l	96
42) 1,2-Dichloroethane	6.092	62	38135	6.442	ug/l	98
43) Isopropyl Acetate	6.342	43	60277	6.748	ug/l	97
44) Trichloroethene	7.129	130	34400	7.323	ug/l	97
45) 1,2-Dichloropropane	7.434	63	27385	6.521	ug/l	99
46) Dibromomethane	7.586	93	19619	6.440	ug/l	95
47) Bromodichloromethane	7.824	83	36839	6.411	ug/l	98
48) Methyl methacrylate	7.696	41	29025	6.486	ug/l	92
49) 1,4-Dioxane	7.677	88	16293	142.606	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	199492	34.415	ug/l	95
52) Toluene	8.720	92	70242	6.409	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	36928	6.605	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	41797	6.491	ug/l #	92
55) 1,1,2-Trichloroethane	9.153	97	28410	6.406	ug/l	94
56) Ethyl methacrylate	9.116	69	41381	6.436	ug/l	91
57) 1,3-Dichloropropane	9.311	76	47714	6.380	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	102201	32.678	ug/l	98
59) 2-Hexanone	9.433	43	151744	34.503	ug/l	93
60) Dibromochloromethane	9.525	129	26638	6.222	ug/l	97
61) 1,2-Dibromoethane	9.610	107	29939	6.343	ug/l	99
64) Tetrachloroethene	9.275	164	26923	7.614	ug/l	98
65) Chlorobenzene	10.079	112	74061	7.243	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	25874	7.293	ug/l	99
67) Ethyl Benzene	10.195	91	132638	7.410	ug/l	100
68) m/p-Xylenes	10.305	106	102499	14.822	ug/l	95
69) o-Xylene	10.646	106	50523	7.511	ug/l	95
70) Styrene	10.659	104	83244	7.408	ug/l	98
71) Bromoform	10.799	173	17963	7.124	ug/l #	97
73) Isopropylbenzene	10.963	105	133851	9.538	ug/l	97
74) N-amyl acetate	10.841	43	46798	9.835	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	43706	9.260	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	40830m	9.825	ug/l	
77) Bromobenzene	11.201	156	29946	9.084	ug/l	93
78) n-propylbenzene	11.305	91	149697	9.404	ug/l	100
79) 2-Chlorotoluene	11.366	91	92043	9.383	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	113168	9.496	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	10402	8.329	ug/l #	81
82) 4-Chlorotoluene	11.457	91	106262	9.412	ug/l	99
83) tert-Butylbenzene	11.713	119	109584	9.489	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	111757	9.503	ug/l	98
85) sec-Butylbenzene	11.890	105	135210	9.507	ug/l	99
86) p-Isopropyltoluene	12.012	119	113876	9.552	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	56189	8.929	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	56906	8.883	ug/l	93
89) n-Butylbenzene	12.335	91	94483	9.403	ug/l	98
90) Hexachloroethane	12.542	117	15580	8.253	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	57361	9.232	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9765	9.902	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	33414	9.023	ug/l	97
94) Hexachlorobutadiene	13.725	225	13915	9.004	ug/l	92
95) Naphthalene	13.780	128	126848	9.764	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	34353	9.326	ug/l	94

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

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