

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040722\
 Data File : VX028015.D
 Acq On : 07 Apr 2022 17:22
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX040722

Quant Time: Apr 08 09:27:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 07 18:12:28 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/08/2022
 Supervised By :Mahesh Dadoda 04/08/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	80404	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	128466	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117051	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61153	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60849	49.854	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.700%		
35) Dibromofluoromethane	5.385	113	44252	51.317	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.640%		
50) Toluene-d8	8.647	98	159369	51.796	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	103.600%		
62) 4-Bromofluorobenzene	11.079	95	67197	51.375	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.760%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	54657	48.034	ug/l	100
3) Chloromethane	1.288	50	43282	48.619	ug/l	100
4) Vinyl Chloride	1.374	62	45021	48.312	ug/l	99
5) Bromomethane	1.599	94	22520	55.101	ug/l	99
6) Chloroethane	1.679	64	25676	47.021	ug/l	99
7) Trichlorofluoromethane	1.886	101	69838	44.983	ug/l	99
8) Diethyl Ether	2.130	74	23167	46.252	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.325	101	43029	46.376	ug/l	97
10) Methyl Iodide	2.453	142	48213	43.312	ug/l	# 87
11) Tert butyl alcohol	2.959	59	49389	229.660	ug/l	99
12) 1,1-Dichloroethene	2.319	96	39443	45.192	ug/l	99
13) Acrolein	2.233	56	43110	219.239	ug/l	97
14) Allyl chloride	2.660	41	70499	48.814	ug/l	# 87
15) Acrylonitrile	3.062	53	117054	226.571	ug/l	99
16) Acetone	2.374	43	124627	285.412	ug/l	91
17) Carbon Disulfide	2.508	76	100448	54.511	ug/l	99
18) Methyl Acetate	2.697	43	55715	43.900	ug/l	90
19) Methyl tert-butyl Ether	3.111	73	139885	46.878	ug/l	100
20) Methylene Chloride	2.788	84	41971	45.340	ug/l	# 86
21) trans-1,2-Dichloroethene	3.087	96	40686	46.556	ug/l	87
22) Diisopropyl ether	3.757	45	135289	45.584	ug/l	# 85
23) Vinyl Acetate	3.715	43	612034	234.975	ug/l	# 91
24) 1,1-Dichloroethane	3.605	63	77145	45.643	ug/l	96
25) 2-Butanone	4.550	43	178082	224.850	ug/l	92
26) 2,2-Dichloropropane	4.471	77	66256	48.089	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	48042	47.277	ug/l	92
28) Bromochloromethane	4.891	49	32651	45.860	ug/l	90
29) Tetrahydrofuran	5.001	42	110400	219.792	ug/l	86
30) Chloroform	5.093	83	84085	45.813	ug/l	100
31) Cyclohexane	5.464	56	72127	48.745	ug/l	87
32) 1,1,1-Trichloroethane	5.385	97	76971	47.763	ug/l	98
36) 1,1-Dichloropropene	5.690	75	62254	49.098	ug/l	98
37) Ethyl Acetate	4.708	43	67606	45.408	ug/l	95
38) Carbon Tetrachloride	5.672	117	68561	49.956	ug/l	99
39) Methylcyclohexane	7.379	83	72280	49.198	ug/l	91
40) Benzene	6.037	78	168913	47.717	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	36492	46.625	ug/l #	88
42) 1,2-Dichloroethane	6.080	62	72159	48.173	ug/l	93
43) Isopropyl Acetate	6.336	43	107518	47.931	ug/l #	91
44) Trichloroethene	7.123	130	47120	49.677	ug/l	87
45) 1,2-Dichloropropane	7.428	63	43397	49.050	ug/l	99
46) Dibromomethane	7.580	93	32606	45.874	ug/l	91
47) Bromodichloromethane	7.824	83	62801	48.160	ug/l	99
48) Methyl methacrylate	7.690	41	53968	47.189	ug/l #	81
49) 1,4-Dioxane	7.653	88	21525	971.234	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	344750	235.637	ug/l	89
52) Toluene	8.720	92	108526	47.758	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	66537	51.279	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	72154	51.645	ug/l #	82
55) 1,1,2-Trichloroethane	9.153	97	44183	49.305	ug/l	99
56) Ethyl methacrylate	9.116	69	71597	50.741	ug/l #	76
57) 1,3-Dichloropropane	9.311	76	74694	48.640	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	176188	265.461	ug/l	97
59) 2-Hexanone	9.427	43	273791	234.482	ug/l	85
60) Dibromochloromethane	9.525	129	47566	51.319	ug/l	98
61) 1,2-Dibromoethane	9.610	107	48420	48.449	ug/l	99
64) Tetrachloroethene	9.275	164	43392	50.490	ug/l	94
65) Chlorobenzene	10.079	112	115711	47.496	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	43964	49.133	ug/l	98
67) Ethyl Benzene	10.195	91	220435	49.266	ug/l	100
68) m/p-Xylenes	10.299	106	164095	97.823	ug/l	91
69) o-Xylene	10.640	106	80383	48.791	ug/l	90
70) Styrene	10.659	104	138010	50.381	ug/l	94
71) Bromoform	10.799	173	34077	51.686	ug/l #	100
73) Isopropylbenzene	10.963	105	217778	45.940	ug/l	99
74) N-amyl acetate	10.842	43	93597	45.043	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.213	83	69190	43.612	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	73415m	48.941	ug/l	
77) Bromobenzene	11.201	156	51316	45.874	ug/l	89
78) n-propylbenzene	11.305	91	260840	46.151	ug/l	99
79) 2-Chlorotoluene	11.366	91	157912	45.364	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	193120	47.471	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	20035	44.088	ug/l #	79
82) 4-Chlorotoluene	11.457	91	187960	46.395	ug/l	96
83) tert-Butylbenzene	11.719	119	181128	47.833	ug/l	88
84) 1,2,4-Trimethylbenzene	11.750	105	192356	47.126	ug/l	96
85) sec-Butylbenzene	11.890	105	228187	47.776	ug/l	99
86) p-Isopropyltoluene	12.012	119	193142	48.279	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	98725	47.215	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	100325	46.500	ug/l	96
89) n-Butylbenzene	12.335	91	176267	49.023	ug/l	95
90) Hexachloroethane	12.542	117	29337	48.543	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	96104	47.291	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17523	43.655	ug/l	78
93) 1,2,4-Trichlorobenzene	13.591	180	59623	47.945	ug/l	98
94) Hexachlorobutadiene	13.725	225	27690	47.752	ug/l	93
95) Naphthalene	13.780	128	201499	47.051	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	58485	47.833	ug/l	96

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

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