

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123021\
 Data File : VX026147.D
 Acq On : 29 Dec 2021 18:56
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: Dec 30 07:39:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 07:38:08 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 01/01/2022
 Supervised By : Mahesh Dadoda 01/01/2022

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	113500	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	191329	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	168333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76650	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	78 - 117	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	92 - 112	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	1142	1.076	ug/l	97
3) Chloromethane	1.294	50	1536	1.155	ug/l	99
4) Vinyl Chloride	1.374	62	1605	1.129	ug/l	99
6) Chloroethane	1.691	64	1284	1.253	ug/l	93
7) Trichlorofluoromethane	1.892	101	2567	1.072	ug/l	98
8) Diethyl Ether	2.142	74	923	1.016	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.337	101	1434	1.152	ug/l	98
12) 1,1-Dichloroethene	2.325	96	1347	1.108	ug/l	92
14) Allyl chloride	2.666	41	2743	1.221	ug/l	91
15) Acrylonitrile	3.081	53	4115	5.350	ug/l	97
16) Acetone	2.386	43	5340	6.748	ug/l	97
17) Carbon Disulfide	2.514	76	4054	1.161	ug/l	97
18) Methyl Acetate	2.709	43	3074	1.214	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	4465	1.053	ug/l #	84
20) Methylene Chloride	2.794	84	2144	1.359	ug/l #	92
21) trans-1,2-Dichloroethene	3.093	96	1522	1.137	ug/l #	89
22) Diisopropyl ether	3.764	45	4710	1.090	ug/l #	82
23) Vinyl Acetate	3.733	43	17385	5.184	ug/l	96
24) 1,1-Dichloroethane	3.617	63	2628	1.072	ug/l #	83
25) 2-Butanone	4.568	43	6588	5.931	ug/l	98
26) 2,2-Dichloropropane	4.483	77	1924	1.029	ug/l	94
27) cis-1,2-Dichloroethene	4.495	96	1562	0.986	ug/l	88
28) Bromochloromethane	4.904	49	1124	1.038	ug/l #	88
29) Tetrahydrofuran	5.026	42	4062	5.734	ug/l #	76
30) Chloroform	5.093	83	2826	1.059	ug/l	92
32) 1,1,1-Trichloroethane	5.397	97	2403	1.030	ug/l #	49
36) 1,1-Dichloropropene	5.696	75	1958	1.051	ug/l	90
37) Ethyl Acetate	4.733	43	2072	1.001	ug/l #	94
38) Carbon Tetrachloride	5.684	117	2331	1.081	ug/l #	81
39) Methylcyclohexane	7.385	83	2210	1.043	ug/l	88
40) Benzene	6.050	78	5963	1.091	ug/l	100
41) Methacrylonitrile	4.940	41	1310	1.134	ug/l #	72
42) 1,2-Dichloroethane	6.098	62	2416	1.155	ug/l	83
43) Isopropyl Acetate	6.348	43	3762	1.127	ug/l #	91
44) Trichloroethene	7.123	130	1569	1.034	ug/l	92
45) 1,2-Dichloropropane	7.434	63	1407	1.014	ug/l #	73

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.586	93	1157	1.086	ug/l	92
47) Bromodichloromethane	7.830	83	2271	1.077	ug/l #	96
48) Methyl methacrylate	7.702	41	1691	1.071	ug/l	91
49) 1,4-Dioxane	7.684	88	648	19.466	ug/l	88
51) 4-Methyl-2-Pentanone	8.580	43	11051	5.091	ug/l	96
52) Toluene	8.726	92	3422	0.990	ug/l	92
53) t-1,3-Dichloropropene	8.982	75	1634	0.813	ug/l	90
54) cis-1,3-Dichloropropene	8.372	75	2132	0.966	ug/l #	91
55) 1,1,2-Trichloroethane	9.159	97	1415	0.960	ug/l	92
56) Ethyl methacrylate	9.116	69	1888	0.882	ug/l #	79
57) 1,3-Dichloropropane	9.317	76	2414	0.993	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.251	63	3751	3.905	ug/l	96
59) 2-Hexanone	9.439	43	8193	4.993	ug/l	93
60) Dibromochloromethane	9.525	129	1624	0.977	ug/l	91
61) 1,2-Dibromoethane	9.616	107	1618	1.014	ug/l	91
64) Tetrachloroethene	9.275	164	1680	1.238	ug/l #	79
65) Chlorobenzene	10.079	112	3824	1.078	ug/l #	86
66) 1,1,1,2-Tetrachloroethane	10.165	131	1414	1.023	ug/l #	63
67) Ethyl Benzene	10.195	91	6415	1.057	ug/l	98
68) m/p-Xylenes	10.305	106	4702	2.010	ug/l	98
69) o-Xylene	10.646	106	2247	0.977	ug/l	97
70) Styrene	10.659	104	3273	0.858	ug/l	91
71) Bromoform	10.811	173	1092	0.965	ug/l #	87
73) Isopropylbenzene	10.963	105	5759	1.009	ug/l	100
74) N-amyl acetate	10.848	43	2310	0.981	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	2174	1.107	ug/l	95
76) 1,2,3-Trichloropropane	11.244	75	2023m	1.133	ug/l	
77) Bromobenzene	11.201	156	1378	0.959	ug/l	91
78) n-propylbenzene	11.305	91	5987	0.921	ug/l	100
79) 2-Chlorotoluene	11.366	91	4255	1.042	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	4582	0.971	ug/l	98
82) 4-Chlorotoluene	11.457	91	4228	0.922	ug/l	97
83) tert-Butylbenzene	11.713	119	4575	0.985	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	4469	0.952	ug/l	96
85) sec-Butylbenzene	11.890	105	5403	0.964	ug/l	97
86) p-Isopropyltoluene	12.012	119	4603	0.981	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	2556	0.951	ug/l	92
88) 1,4-Dichlorobenzene	12.043	146	3216m	1.166	ug/l	
89) n-Butylbenzene	12.335	91	3912	0.982	ug/l	94
90) Hexachloroethane	12.536	117	933	1.007	ug/l	90
91) 1,2-Dichlorobenzene	12.341	146	2996	1.171	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.951	75	490	1.092	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	1584	1.174	ug/l	98
94) Hexachlorobutadiene	13.725	225	729	1.271	ug/l	91
95) Naphthalene	13.780	128	5035	1.106	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	1531	1.134	ug/l	92

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

