

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123121\
 Data File : VX026186.D
 Acq On : 30 Dec 2021 22:59
 Operator : JC/MD
 Sample : VX1231WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1231WBS02

Quant Time: Dec 31 07:13:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	109918	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	186483	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	167202	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79230	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	73040	45.932	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.860%		
35) Dibromofluoromethane	5.391	113	54415	44.883	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.760%		
50) Toluene-d8	8.653	98	196391	43.549	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	87.100%#		
62) 4-Bromofluorobenzene	11.085	95	68841	42.882	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	85.760%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	19211	16.641	ug/l	98
3) Chloromethane	1.294	50	21521	16.015	ug/l	98
4) Vinyl Chloride	1.374	62	22512	15.918	ug/l	98
5) Bromomethane	1.611	94	14897	17.068	ug/l	100
6) Chloroethane	1.691	64	15333	15.418	ug/l	99
7) Trichlorofluoromethane	1.892	101	40038	16.435	ug/l	99
8) Diethyl Ether	2.136	74	13366	15.971	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.337	101	20331	15.831	ug/l	99
10) Methyl Iodide	2.459	142	23590	14.204	ug/l	98
11) Tert butyl alcohol	2.977	59	25417	80.025	ug/l	100
12) 1,1-Dichloroethene	2.325	96	19146	15.730	ug/l	87
13) Acrolein	2.239	56	13461	118.523	ug/l	99
14) Allyl chloride	2.666	41	37692	15.670	ug/l	95
15) Acrylonitrile	3.075	53	63830	81.170	ug/l	99
16) Acetone	2.386	43	59013	68.493	ug/l	95
17) Carbon Disulfide	2.514	76	56118	16.065	ug/l	100
18) Methyl Acetate	2.709	43	45123	16.146	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	67260	15.821	ug/l	97
20) Methylene Chloride	2.794	84	22113	15.397	ug/l	88
21) trans-1,2-Dichloroethene	3.099	96	20180	15.198	ug/l	90
22) Diisopropyl ether	3.770	45	72993	15.899	ug/l	94
23) Vinyl Acetate	3.727	43	296961	81.460	ug/l	95
24) 1,1-Dichloroethane	3.617	63	40607	16.321	ug/l	98
25) 2-Butanone	4.562	43	91784	76.475	ug/l	95
26) 2,2-Dichloropropane	4.483	77	28180	15.033	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	24319	16.099	ug/l	93
28) Bromochloromethane	4.903	49	20161	18.283	ug/l	84
29) Tetrahydrofuran	5.019	42	60463	79.927	ug/l	94
30) Chloroform	5.105	83	42213	16.041	ug/l	97
31) Cyclohexane	5.483	56	36288	16.024	ug/l	89
32) 1,1,1-Trichloroethane	5.385	97	37387	16.343	ug/l	96
36) 1,1-Dichloropropene	5.702	75	29825	15.252	ug/l	98
37) Ethyl Acetate	4.721	43	35660	15.728	ug/l	99
38) Carbon Tetrachloride	5.684	117	34563	15.890	ug/l	97
39) Methylcyclohexane	7.385	83	32748	14.846	ug/l	91
40) Benzene	6.043	78	86403	15.482	ug/l	98

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41) Methacrylonitrile	4.928	41	19800	15.464	ug/l	94
42) 1,2-Dichloroethane	6.092	62	35622	15.772	ug/l	96
43) Isopropyl Acetate	6.348	43	56414	15.267	ug/l	96
44) Trichloroethene	7.129	130	23041	15.343	ug/l	99
45) 1,2-Dichloropropane	7.434	63	22493	15.757	ug/l	98
46) Dibromomethane	7.586	93	17016	16.071	ug/l	95
47) Bromodichloromethane	7.830	83	33644	15.618	ug/l	96
48) Methyl methacrylate	7.696	41	27900	15.743	ug/l	93
49) 1,4-Dioxane	7.683	88	9795	299.914	ug/l #	87
51) 4-Methyl-2-Pentanone	8.580	43	183423	79.763	ug/l	97
52) Toluene	8.720	92	52924	15.404	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	32486	15.536	ug/l	96
54) cis-1,3-Dichloropropene	8.372	75	35019	15.381	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	22123	15.667	ug/l	94
56) Ethyl methacrylate	9.116	69	33232	15.259	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	38676	15.990	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	90954	84.882	ug/l	93
59) 2-Hexanone	9.433	43	138559	79.545	ug/l	94
60) Dibromochloromethane	9.525	129	25929	16.209	ug/l	100
61) 1,2-Dibromoethane	9.616	107	22973	15.205	ug/l	98
64) Tetrachloroethene	9.275	164	22043	15.622	ug/l	98
65) Chlorobenzene	10.079	112	56435	15.365	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	22720	16.233	ug/l	99
67) Ethyl Benzene	10.195	91	102307	15.577	ug/l	96
68) m/p-Xylenes	10.305	106	77116	31.448	ug/l	93
69) o-Xylene	10.646	106	36439	15.187	ug/l	92
70) Styrene	10.659	104	61580	15.656	ug/l	96
71) Bromoform	10.799	173	18496	16.290	ug/l #	96
73) Isopropylbenzene	10.963	105	98152	15.938	ug/l	96
74) N-amyl acetate	10.848	43	44746	15.823	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	33619	16.051	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	30620m	16.011	ug/l	
77) Bromobenzene	11.201	156	23260	15.926	ug/l	94
78) n-propylbenzene	11.305	91	114657	16.192	ug/l	96
79) 2-Chlorotoluene	11.366	91	68756	15.774	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	82435	16.130	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	10023	15.162	ug/l	86
82) 4-Chlorotoluene	11.457	91	79126	16.074	ug/l	96
83) tert-Butylbenzene	11.719	119	78084	15.741	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	82514	16.158	ug/l	97
85) sec-Butylbenzene	11.890	105	98239	15.869	ug/l	98
86) p-Isopropyltoluene	12.012	119	80752	15.647	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	43871	16.001	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	43739	14.880	ug/l	97
89) n-Butylbenzene	12.335	91	69343	15.120	ug/l	98
90) Hexachloroethane	12.542	117	16336	15.849	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	43803	15.401	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8510	15.872	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	24938	14.838	ug/l	98
94) Hexachlorobutadiene	13.725	225	10127	14.512	ug/l	98
95) Naphthalene	13.780	128	90889	14.843	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	26072	15.247	ug/l	99

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

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