

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060722\
 Data File : VX029294.D
 Acq On : 07 Jun 2022 23:34
 Operator : JC/MD
 Sample : VX0607WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607WBS02

Quant Time: Jun 08 03:18:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 08 03:00:38 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/08/2022
 Supervised By : Mahesh Dadoda 06/08/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	190866	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	317818	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	334857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	204642	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	153426	52.909	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.820%			
35) Dibromofluoromethane	5.391	113	133538	49.424	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.840%			
50) Toluene-d8	8.653	98	463507	48.505	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.000%			
62) 4-Bromofluorobenzene	11.079	95	186566	49.890	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.780%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	60844	20.081	ug/l	99
3) Chloromethane	1.288	50	63574	19.660	ug/l	99
4) Vinyl Chloride	1.373	62	67292	20.051	ug/l	97
5) Bromomethane	1.611	94	43225	24.046	ug/l	100
6) Chloroethane	1.684	64	37537	24.036	ug/l	99
7) Trichlorofluoromethane	1.886	101	96896	19.812	ug/l	97
8) Diethyl Ether	2.136	74	37790	19.824	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	56691	19.232	ug/l	99
10) Methyl Iodide	2.453	142	56358	16.345	ug/l	95
11) Tert butyl alcohol	2.989	59	89145	87.647	ug/l	96
12) 1,1-Dichloroethene	2.318	96	56382	19.651	ug/l	97
13) Acrolein	2.239	56	33108	93.930	ug/l	100
14) Allyl chloride	2.666	41	88896	19.301	ug/l	96
15) Acrylonitrile	3.068	53	179092	98.623	ug/l	100
16) Acetone	2.392	43	149745	96.982	ug/l	96
17) Carbon Disulfide	2.514	76	135345	19.164	ug/l	100
18) Methyl Acetate	2.709	43	78271	19.134	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	195231	19.711	ug/l	99
20) Methylene Chloride	2.788	84	66083	19.165	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	62910	19.536	ug/l	98
22) Diisopropyl ether	3.763	45	191026	20.547	ug/l	89
23) Vinyl Acetate	3.727	43	792736	102.854	ug/l	98
24) 1,1-Dichloroethane	3.611	63	110704	19.742	ug/l	100
25) 2-Butanone	4.568	43	240939	98.646	ug/l	100
26) 2,2-Dichloropropane	4.483	77	69662	17.425	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	73393	19.267	ug/l	94
28) Bromochloromethane	4.903	49	46068	20.898	ug/l	98
29) Tetrahydrofuran	5.019	42	158384	99.499	ug/l	94
30) Chloroform	5.098	83	120447	19.905	ug/l	94
31) Cyclohexane	5.476	56	100521	19.427	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	102298	19.622	ug/l	100
36) 1,1-Dichloropropene	5.696	75	88009	19.718	ug/l	99
37) Ethyl Acetate	4.720	43	92130	19.997	ug/l	99
38) Carbon Tetrachloride	5.678	117	87309	19.139	ug/l	98
39) Methylcyclohexane	7.385	83	106318	19.339	ug/l	97
40) Benzene	6.043	78	263111	19.802	ug/l	97

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41) Methacrylonitrile	4.922	41	49130	18.748	ug/l	95
42) 1,2-Dichloroethane	6.086	62	91383	19.799	ug/l	99
43) Isopropyl Acetate	6.348	43	134921	19.493	ug/l	97
44) Trichloroethene	7.129	130	69388	19.181	ug/l	99
45) 1,2-Dichloropropane	7.433	63	64491	19.742	ug/l	98
46) Dibromomethane	7.586	93	46693	19.731	ug/l	93
47) Bromodichloromethane	7.824	83	87374	19.562	ug/l	99
48) Methyl methacrylate	7.696	41	67856	19.492	ug/l	92
49) 1,4-Dioxane	7.696	88	36773	410.651	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	467566	103.219	ug/l	96
52) Toluene	8.720	92	172782	20.257	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	84788	18.315	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	97364	19.416	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	68214	19.771	ug/l	98
56) Ethyl methacrylate	9.122	69	100889	20.099	ug/l	92
57) 1,3-Dichloropropane	9.311	76	112599	19.361	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	231444	94.912	ug/l	98
59) 2-Hexanone	9.433	43	357172	103.706	ug/l	94
60) Dibromochloromethane	9.524	129	64610	19.356	ug/l	98
61) 1,2-Dibromoethane	9.610	107	72638	19.738	ug/l	99
64) Tetrachloroethene	9.275	164	63274	19.924	ug/l	93
65) Chlorobenzene	10.079	112	180755	19.581	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	64039	19.930	ug/l	98
67) Ethyl Benzene	10.195	91	325290	20.051	ug/l	99
68) m/p-Xylenes	10.305	106	254340	40.521	ug/l	99
69) o-Xylene	10.646	106	124435	20.402	ug/l	99
70) Styrene	10.658	104	204738	20.113	ug/l	98
71) Bromoform	10.805	173	42511	18.629	ug/l #	100
73) Isopropylbenzene	10.963	105	324861	20.165	ug/l	98
74) N-amyl acetate	10.847	43	109459	20.069	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	105873	19.472	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	93725m	19.608	ug/l	
77) Bromobenzene	11.201	156	75091	19.850	ug/l	94
78) n-propylbenzene	11.305	91	366926	20.071	ug/l	99
79) 2-Chlorotoluene	11.366	91	229427	20.379	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	276041	20.179	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	23770	16.987	ug/l #	81
82) 4-Chlorotoluene	11.457	91	255613	19.670	ug/l	99
83) tert-Butylbenzene	11.719	119	260317	19.612	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	276745	20.496	ug/l	99
85) sec-Butylbenzene	11.890	105	327367	20.085	ug/l	99
86) p-Isopropyltoluene	12.012	119	276042	20.202	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	140891	19.515	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	144746	19.713	ug/l	95
89) n-Butylbenzene	12.335	91	229480	19.920	ug/l	98
90) Hexachloroethane	12.542	117	40580	18.680	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	141393	19.752	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21911	19.376	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	82191	19.453	ug/l	98
94) Hexachlorobutadiene	13.725	225	32708	18.621	ug/l	95
95) Naphthalene	13.780	128	300747	20.168	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	83761	19.882	ug/l	94

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

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