

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011023\
 Data File : VX033680.D
 Acq On : 10 Jan 2023 12:45
 Operator : JC/MD
 Sample : VX0110WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBS02

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/11/2023
 Supervised By :Mahesh Dadoda 01/11/2023

Quant Time: Jan 11 00:32:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010423W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 05 04:43:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	166768	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	245125	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219733	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	118929	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	92472	49.119	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.240%		
35) Dibromofluoromethane	5.385	113	78951	49.002	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.000%		
50) Toluene-d8	8.647	98	282549	49.064	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.120%		
62) 4-Bromofluorobenzene	11.079	95	106856	52.349	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.700%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	26288	19.114	ug/l	96
3) Chloromethane	1.294	50	31468	18.591	ug/l	100
4) Vinyl Chloride	1.374	62	31329	20.867	ug/l	98
5) Bromomethane	1.617	94	13554	16.144	ug/l	98
6) Chloroethane	1.691	64	14968	17.302	ug/l	99
7) Trichlorofluoromethane	1.892	101	44977	21.175	ug/l	97
8) Diethyl Ether	2.130	74	13123	19.645	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	21734	19.450	ug/l	100
10) Methyl Iodide	2.453	142	35568	18.354	ug/l	99
11) Tert butyl alcohol	3.032	59	29598m	95.705	ug/l	
12) 1,1-Dichloroethene	2.325	96	19761	19.204	ug/l	96
13) Acrolein	2.245	56	17910	91.623	ug/l	98
14) Allyl chloride	2.666	41	51767	19.897	ug/l	98
15) Acrylonitrile	3.068	53	78755	94.146	ug/l	99
16) Acetone	2.398	43	74773	109.278	ug/l	97
17) Carbon Disulfide	2.514	76	67690	19.850	ug/l	100
18) Methyl Acetate	2.709	43	49026	18.788	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	95041	19.410	ug/l	98
20) Methylene Chloride	2.788	84	31610	18.548	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	29483	19.160	ug/l	98
22) Diisopropyl ether	3.757	45	105023	20.034	ug/l	93
23) Vinyl Acetate	3.721	43	393891	97.851	ug/l	99
24) 1,1-Dichloroethane	3.611	63	55461	19.554	ug/l	100
25) 2-Butanone	4.568	43	111722	90.889	ug/l	97
26) 2,2-Dichloropropane	4.477	77	39987	20.393	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	35118	19.677	ug/l	100
28) Bromochloromethane	4.897	49	23105	20.054	ug/l	99
29) Tetrahydrofuran	5.013	42	71169	91.285	ug/l	99
30) Chloroform	5.092	83	58739	20.272	ug/l	98
31) Cyclohexane	5.470	56	49668	18.952	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	50274	20.066	ug/l	100
36) 1,1-Dichloropropene	5.690	75	41971	19.231	ug/l	99
37) Ethyl Acetate	4.714	43	45248	17.326	ug/l	100
38) Carbon Tetrachloride	5.678	117	44192	19.134	ug/l	96
39) Methylcyclohexane	7.379	83	51151	18.771	ug/l	99
40) Benzene	6.037	78	123447	19.353	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	25220	19.020	ug/l	99
42) 1,2-Dichloroethane	6.092	62	45510	19.140	ug/l	98
43) Isopropyl Acetate	6.336	43	67718	18.148	ug/l	99
44) Trichloroethene	7.123	130	34530	18.970	ug/l	98
45) 1,2-Dichloropropane	7.427	63	32151	19.566	ug/l	98
46) Dibromomethane	7.580	93	22123	19.231	ug/l	99
47) Bromodichloromethane	7.818	83	44298	19.876	ug/l	100
48) Methyl methacrylate	7.696	41	35035	18.549	ug/l	99
49) 1,4-Dioxane	7.732	88	15383	382.901	ug/l #	95
51) 4-Methyl-2-Pentanone	8.573	43	219494	92.939	ug/l	100
52) Toluene	8.720	92	80698	19.243	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	43543	17.741	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	49275	19.974	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	32862	20.005	ug/l	98
56) Ethyl methacrylate	9.116	69	46602	19.003	ug/l	99
57) 1,3-Dichloropropane	9.305	76	54856	19.518	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	116448	93.350	ug/l	100
59) 2-Hexanone	9.433	43	160707	92.115	ug/l	99
60) Dibromochloromethane	9.518	129	36657	20.402	ug/l	97
61) 1,2-Dibromoethane	9.610	107	34629	19.931	ug/l	100
64) Tetrachloroethene	9.275	164	30326	18.754	ug/l	97
65) Chlorobenzene	10.079	112	89161	19.828	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	33663	20.027	ug/l	99
67) Ethyl Benzene	10.195	91	156172	19.897	ug/l	98
68) m/p-Xylenes	10.299	106	121942	39.809	ug/l	100
69) o-Xylene	10.640	106	59288	19.522	ug/l	98
70) Styrene	10.652	104	100084	20.060	ug/l	99
71) Bromoform	10.799	173	27981	20.792	ug/l #	98
73) Isopropylbenzene	10.963	105	158318	18.850	ug/l	100
74) N-amyl acetate	10.841	43	59151	17.381	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	48834	18.655	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	43519m	19.974	ug/l	
77) Bromobenzene	11.195	156	41720	18.765	ug/l	99
78) n-propylbenzene	11.305	91	178820	18.780	ug/l	100
79) 2-Chlorotoluene	11.366	91	108583	18.987	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	132319	19.136	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	13246	18.452	ug/l	97
82) 4-Chlorotoluene	11.451	91	122893	18.586	ug/l	100
83) tert-Butylbenzene	11.713	119	137108	19.005	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	131455	18.946	ug/l	98
85) sec-Butylbenzene	11.890	105	164823	19.337	ug/l	99
86) p-Isopropyltoluene	12.006	119	141478	19.424	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	77420	19.347	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	77151	19.709	ug/l	98
89) n-Butylbenzene	12.335	91	115753	19.004	ug/l	100
90) Hexachloroethane	12.536	117	23855	20.301	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	75690	19.796	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9703	19.934	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	50709	20.138	ug/l	99
94) Hexachlorobutadiene	13.725	225	23915	20.473	ug/l	99
95) Naphthalene	13.774	128	149070	19.821	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	48340	19.920	ug/l	99

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

