

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101424\
 Data File : VX043372.D
 Acq On : 14 Oct 2024 10:32
 Operator : JC/MD
 Sample : VX1014WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1014WBS01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/15/2024
 Supervised By :Mahesh Dadoda 10/15/2024

Quant Time: Oct 15 01:41:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	98923	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	172043	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	147132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66605	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	77802	48.158	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.320%		
35) Dibromofluoromethane	5.385	113	56689	47.779	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.560%		
50) Toluene-d8	8.647	98	191540	46.584	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.160%		
62) 4-Bromofluorobenzene	11.079	95	70658	47.302	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	94.600%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	23043	20.026	ug/l	99
3) Chloromethane	1.301	50	24154	20.382	ug/l	100
4) Vinyl Chloride	1.374	62	24383	20.541	ug/l	99
5) Bromomethane	1.599	94	9616	19.828	ug/l	92
6) Chloroethane	1.666	64	8618	19.496	ug/l	95
7) Trichlorofluoromethane	1.868	101	34102	19.228	ug/l	99
8) Diethyl Ether	2.136	74	13701	19.851	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.319	101	22420	20.257	ug/l	98
10) Methyl Iodide	2.447	142	25906	18.635	ug/l	98
11) Tert butyl alcohol	3.001	59	27957	90.937	ug/l	100
12) 1,1-Dichloroethene	2.306	96	21851	19.881	ug/l	98
13) Acrolein	2.239	56	22440	77.281	ug/l	96
14) Allyl chloride	2.660	41	36442	20.182	ug/l	100
15) Acrylonitrile	3.069	53	65223	103.898	ug/l	99
16) Acetone	2.392	43	76247	113.013	ug/l	98
17) Carbon Disulfide	2.502	76	48468	18.130	ug/l	99
18) Methyl Acetate	2.709	43	33544	19.819	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	82232	20.913	ug/l	99
20) Methylene Chloride	2.788	84	24678	19.838	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	22598	20.659	ug/l	96
22) Diisopropyl ether	3.770	45	76416	21.040	ug/l	93
23) Vinyl Acetate	3.721	43	303054m	79.730	ug/l	
24) 1,1-Dichloroethane	3.605	63	44412	20.990	ug/l	99
25) 2-Butanone	4.568	43	100562	108.708	ug/l	97
26) 2,2-Dichloropropane	4.471	77	43772	21.744	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	28360	20.789	ug/l	100
28) Bromochloromethane	4.904	49	14931	17.887	ug/l	98
29) Tetrahydrofuran	5.013	42	62348	105.798	ug/l	99
30) Chloroform	5.086	83	48914	21.051	ug/l	100
31) Cyclohexane	5.464	56	36633	21.014	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	44169	20.696	ug/l	99
36) 1,1-Dichloropropene	5.690	75	31546	21.046	ug/l	98
37) Ethyl Acetate	4.727	43	38057	21.143	ug/l	99
38) Carbon Tetrachloride	5.672	117	36639	20.648	ug/l	98
39) Methylcyclohexane	7.379	83	39785	21.104	ug/l	97
40) Benzene	6.031	78	94667	20.831	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	19697	21.022	ug/l	96
42) 1,2-Dichloroethane	6.086	62	40066	21.635	ug/l	100
43) Isopropyl Acetate	6.348	43	61783	20.781	ug/l	99
44) Trichloroethene	7.123	130	24362	20.211	ug/l	93
45) 1,2-Dichloropropane	7.428	63	23278	20.872	ug/l	95
46) Dibromomethane	7.580	93	18437	20.631	ug/l	99
47) Bromodichloromethane	7.824	83	35547	20.232	ug/l	98
48) Methyl methacrylate	7.696	41	30052	20.601	ug/l	98
49) 1,4-Dioxane	7.665	88	12234	431.429	ug/l #	85
51) 4-Methyl-2-Pentanone	8.574	43	192743	106.741	ug/l	100
52) Toluene	8.720	92	59034	20.727	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	36841	21.101	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	39189	20.928	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	23858	21.077	ug/l	97
56) Ethyl methacrylate	9.116	69	38255	20.672	ug/l	98
57) 1,3-Dichloropropane	9.311	76	40032	20.765	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.238	63	77088	92.414	ug/l	100
59) 2-Hexanone	9.433	43	146844	107.538	ug/l	99
60) Dibromochloromethane	9.519	129	25785	19.636	ug/l	99
61) 1,2-Dibromoethane	9.610	107	25125	20.659	ug/l	100
64) Tetrachloroethene	9.275	164	21423	20.984	ug/l	97
65) Chlorobenzene	10.079	112	64687	20.450	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	23050	20.608	ug/l	98
67) Ethyl Benzene	10.195	91	112121	20.507	ug/l	96
68) m/p-Xylenes	10.299	106	84994	41.135	ug/l	100
69) o-Xylene	10.640	106	42097	20.503	ug/l	100
70) Styrene	10.653	104	69464	20.876	ug/l	100
71) Bromoform	10.799	173	16760	19.561	ug/l #	99
73) Isopropylbenzene	10.963	105	108622	20.976	ug/l	100
74) N-amyl acetate	10.842	43	50012	20.345	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	36304	21.520	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	30832m	20.870	ug/l	
77) Bromobenzene	11.201	156	25910	20.560	ug/l	99
78) n-propylbenzene	11.305	91	120065	21.121	ug/l	100
79) 2-Chlorotoluene	11.366	91	76850	21.028	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	90102	21.093	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	11608	20.363	ug/l	95
82) 4-Chlorotoluene	11.457	91	87103	20.922	ug/l	100
83) tert-Butylbenzene	11.713	119	92780	21.082	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	91325	21.248	ug/l	98
85) sec-Butylbenzene	11.890	105	109334	20.957	ug/l	98
86) p-Isopropyltoluene	12.006	119	92270	21.199	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	46530	20.960	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	45438	19.853	ug/l	98
89) n-Butylbenzene	12.335	91	75196	20.636	ug/l	99
90) Hexachloroethane	12.536	117	16211	19.859	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	46755	20.595	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8323	20.208	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	26602	20.326	ug/l	99
94) Hexachlorobutadiene	13.725	225	11093	21.381	ug/l	100
95) Naphthalene	13.774	128	95086	19.763	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	27197	20.141	ug/l	97

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

