

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101424\
 Data File : VX043373.D
 Acq On : 14 Oct 2024 11:06
 Operator : JC/MD
 Sample : VX1014WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1014WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Oct 15 01:42:07 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	5.544	168	94558	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	166205	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	141003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64661	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76730	49.687	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.380%		
35) Dibromofluoromethane	5.385	113	54678	47.703	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.400%		
50) Toluene-d8	8.647	98	181864	45.785	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.560%		
62) 4-Bromofluorobenzene	11.079	95	68197	47.259	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	94.520%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	22099	20.092	ug/l	94
3) Chloromethane	1.301	50	22388	19.764	ug/l	96
4) Vinyl Chloride	1.374	62	22502	19.832	ug/l	98
5) Bromomethane	1.599	94	9744	21.020	ug/l	96
6) Chloroethane	1.666	64	9921	23.480	ug/l	95
7) Trichlorofluoromethane	1.874	101	34285	20.223	ug/l	99
8) Diethyl Ether	2.136	74	13575	20.576	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.319	101	22344	21.120	ug/l	99
10) Methyl Iodide	2.447	142	26238	19.745	ug/l	99
11) Tert butyl alcohol	2.995	59	35688	121.442	ug/l	97
12) 1,1-Dichloroethene	2.313	96	20798	19.797	ug/l	98
13) Acrolein	2.239	56	22848	82.318	ug/l	100
14) Allyl chloride	2.660	41	36862	21.357	ug/l	99
15) Acrylonitrile	3.068	53	66365	110.597	ug/l	98
16) Acetone	2.386	43	71000	110.094	ug/l	99
17) Carbon Disulfide	2.502	76	46190	18.076	ug/l	97
18) Methyl Acetate	2.703	43	34401	21.264	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	83024	22.089	ug/l	97
20) Methylene Chloride	2.788	84	23869	20.074	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	22039	21.078	ug/l	97
22) Diisopropyl ether	3.764	45	75637	21.787	ug/l	94
23) Vinyl Acetate	3.721	43	300691m	82.466	ug/l	
24) 1,1-Dichloroethane	3.605	63	42461	20.995	ug/l	99
25) 2-Butanone	4.562	43	99207	112.193	ug/l	96
26) 2,2-Dichloropropane	4.471	77	39884	20.727	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	27865	21.369	ug/l	98
28) Bromochloromethane	4.897	49	15463	19.380	ug/l	95
29) Tetrahydrofuran	5.007	42	61320	108.857	ug/l	99
30) Chloroform	5.086	83	47109	21.210	ug/l	95
31) Cyclohexane	5.458	56	35090	21.058	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	42545	20.855	ug/l	100
36) 1,1-Dichloropropene	5.684	75	29849	20.613	ug/l	99
37) Ethyl Acetate	4.721	43	38135	21.930	ug/l	98
38) Carbon Tetrachloride	5.672	117	35553	20.740	ug/l	99
39) Methylcyclohexane	7.373	83	38815	21.313	ug/l	97
40) Benzene	6.031	78	91255	20.786	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	19107	21.108	ug/l	92
42) 1,2-Dichloroethane	6.086	62	39815	22.255	ug/l	100
43) Isopropyl Acetate	6.342	43	62425	21.734	ug/l	99
44) Trichloroethene	7.123	130	23319	20.025	ug/l	97
45) 1,2-Dichloropropane	7.427	63	23039	21.384	ug/l	94
46) Dibromomethane	7.580	93	18472	21.396	ug/l	97
47) Bromodichloromethane	7.818	83	35435	20.877	ug/l	99
48) Methyl methacrylate	7.690	41	29815	21.156	ug/l	99
49) 1,4-Dioxane	7.665	88	11858	432.858	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	189339	108.539	ug/l	99
52) Toluene	8.714	92	57353	20.844	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	36753	21.790	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	38003	21.008	ug/l	95
55) 1,1,2-Trichloroethane	9.147	97	24050	21.993	ug/l	99
56) Ethyl methacrylate	9.116	69	38858	21.735	ug/l	98
57) 1,3-Dichloropropane	9.305	76	40961	21.993	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	76431	94.845	ug/l	100
59) 2-Hexanone	9.427	43	144462	109.510	ug/l	100
60) Dibromochloromethane	9.519	129	25917	20.430	ug/l	100
61) 1,2-Dibromoethane	9.610	107	25127	21.387	ug/l	100
64) Tetrachloroethene	9.269	164	21355	21.827	ug/l	92
65) Chlorobenzene	10.079	112	62951	20.766	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	22782	21.254	ug/l	99
67) Ethyl Benzene	10.195	91	109753	20.947	ug/l	98
68) m/p-Xylenes	10.299	106	81789	41.305	ug/l	97
69) o-Xylene	10.640	106	41009	20.842	ug/l	99
70) Styrene	10.653	104	67620	21.205	ug/l	100
71) Bromoform	10.799	173	16652	20.279	ug/l #	97
73) Isopropylbenzene	10.957	105	105410	20.968	ug/l	99
74) N-amyl acetate	10.841	43	50299	21.077	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	35870	21.902	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	31069m	21.662	ug/l	
77) Bromobenzene	11.195	156	25480	20.827	ug/l	99
78) n-propylbenzene	11.305	91	118344	21.444	ug/l	99
79) 2-Chlorotoluene	11.360	91	74643	21.038	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	89721	21.635	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	11260	20.346	ug/l	96
82) 4-Chlorotoluene	11.451	91	84300	20.857	ug/l	99
83) tert-Butylbenzene	11.713	119	89838	21.028	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	88982	21.326	ug/l	100
85) sec-Butylbenzene	11.890	105	107717	21.268	ug/l	100
86) p-Isopropyltoluene	12.006	119	90829	21.495	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	44829	20.801	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	45552	20.502	ug/l	98
89) n-Butylbenzene	12.329	91	75427	21.322	ug/l	99
90) Hexachloroethane	12.536	117	16139	20.366	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	45365	20.583	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8544	21.368	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	25943	20.418	ug/l	98
94) Hexachlorobutadiene	13.725	225	11421	22.675	ug/l	98
95) Naphthalene	13.774	128	94444	20.220	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	27077	20.655	ug/l	99

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

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