

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100924\
 Data File : VX043330.D
 Acq On : 09 Oct 2024 11:40
 Operator : JC/MD
 Sample : VX1009WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Oct 10 01:28:04 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	5.549	168	98093	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	173563	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	148516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68946	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81488	50.866	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.740%			
35) Dibromofluoromethane	5.385	113	57992	48.449	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.900%			
50) Toluene-d8	8.646	98	201767	48.642	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.280%			
62) 4-Bromofluorobenzene	11.079	95	74112	49.180	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.360%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	20513	17.978	ug/l	98
3) Chloromethane	1.300	50	20210	17.198	ug/l	97
4) Vinyl Chloride	1.373	62	20674	17.564	ug/l	96
5) Bromomethane	1.599	94	9311	19.362	ug/l	95
6) Chloroethane	1.666	64	8345	19.038	ug/l	94
7) Trichlorofluoromethane	1.867	101	32295	18.363	ug/l	99
8) Diethyl Ether	2.135	74	13143	19.204	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.318	101	21637	19.715	ug/l	98
10) Methyl Iodide	2.446	142	23424	16.993	ug/l	100
11) Tert butyl alcohol	2.995	59	31696m	103.971	ug/l	
12) 1,1-Dichloroethene	2.312	96	19000	17.433	ug/l	99
13) Acrolein	2.239	56	25350	88.041	ug/l	99
14) Allyl chloride	2.660	41	34484	19.259	ug/l	97
15) Acrylonitrile	3.068	53	65149	104.658	ug/l	100
16) Acetone	2.392	43	67331	100.642	ug/l	97
17) Carbon Disulfide	2.501	76	37931	14.309	ug/l	99
18) Methyl Acetate	2.709	43	40642	24.216	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	80213	20.572	ug/l	99
20) Methylene Chloride	2.782	84	23482	19.037	ug/l	95
21) trans-1,2-Dichloroethene	3.086	96	20263	18.681	ug/l	98
22) Diisopropyl ether	3.763	45	74624	20.721	ug/l	96
23) Vinyl Acetate	3.721	43	441095	113.147	ug/l	99
24) 1,1-Dichloroethane	3.605	63	41035	19.558	ug/l	99
25) 2-Butanone	4.568	43	96934	105.672	ug/l	99
26) 2,2-Dichloropropane	4.470	77	38813	19.443	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	26322	19.458	ug/l	100
28) Bromochloromethane	4.897	49	37838	45.713	ug/l	99
29) Tetrahydrofuran	5.007	42	60175	102.975	ug/l	100
30) Chloroform	5.092	83	46463	20.166	ug/l	99
31) Cyclohexane	5.464	56	31499	18.222	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	41819	19.761	ug/l	100
36) 1,1-Dichloropropene	5.690	75	27773	18.367	ug/l	100
37) Ethyl Acetate	4.720	43	37642	20.729	ug/l	98
38) Carbon Tetrachloride	5.671	117	33131	18.508	ug/l	98
39) Methylcyclohexane	7.378	83	34944	18.374	ug/l	98
40) Benzene	6.031	78	87485	19.082	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	19431	20.556	ug/l	95
42) 1,2-Dichloroethane	6.086	62	38773	20.754	ug/l	99
43) Isopropyl Acetate	6.342	43	60965	20.326	ug/l	100
44) Trichloroethene	7.122	130	22708	18.674	ug/l	97
45) 1,2-Dichloropropane	7.427	63	22736	20.208	ug/l	95
46) Dibromomethane	7.580	93	18304	20.302	ug/l	99
47) Bromodichloromethane	7.817	83	33653	18.986	ug/l	98
48) Methyl methacrylate	7.695	41	29821	20.263	ug/l	99
49) 1,4-Dioxane	7.671	88	12384	432.895	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	191881	105.333	ug/l	99
52) Toluene	8.714	92	55445	19.296	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	35149	19.956	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	37583	19.895	ug/l	98
55) 1,1,2-Trichloroethane	9.152	97	23693	20.748	ug/l	99
56) Ethyl methacrylate	9.116	69	38790	20.777	ug/l	100
57) 1,3-Dichloropropane	9.305	76	40462	20.804	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	78373	93.132	ug/l	99
59) 2-Hexanone	9.433	43	145977	105.967	ug/l	100
60) Dibromochloromethane	9.518	129	25155	18.988	ug/l	98
61) 1,2-Dibromoethane	9.610	107	24708	20.139	ug/l	99
64) Tetrachloroethene	9.268	164	21023	20.400	ug/l	96
65) Chlorobenzene	10.079	112	61293	19.196	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.158	131	22501	19.930	ug/l	99
67) Ethyl Benzene	10.195	91	108207	19.607	ug/l	96
68) m/p-Xylenes	10.299	106	80351	38.526	ug/l	98
69) o-Xylene	10.640	106	40213	19.403	ug/l	99
70) Styrene	10.652	104	66577	19.822	ug/l	100
71) Bromoform	10.799	173	16258	18.798	ug/l #	99
73) Isopropylbenzene	10.963	105	105917	19.759	ug/l	99
74) N-amyl acetate	10.841	43	50232	19.741	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	35736	20.464	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	30346m	19.843	ug/l	
77) Bromobenzene	11.195	156	25182	19.304	ug/l	100
78) n-propylbenzene	11.305	91	116189	19.745	ug/l	100
79) 2-Chlorotoluene	11.365	91	75355	19.918	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	88633	20.045	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	10747	18.213	ug/l	92
82) 4-Chlorotoluene	11.451	91	83985	19.488	ug/l	99
83) tert-Butylbenzene	11.713	119	88498	19.427	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	88734	19.944	ug/l	100
85) sec-Butylbenzene	11.890	105	108328	20.059	ug/l	99
86) p-Isopropyltoluene	12.006	119	89472	19.858	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	45088	19.621	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	44990	18.990	ug/l	98
89) n-Butylbenzene	12.329	91	74829	19.838	ug/l	99
90) Hexachloroethane	12.536	117	15536	18.386	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	46004	19.576	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.944	75	8386	19.669	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	26232	19.362	ug/l	100
94) Hexachlorobutadiene	13.725	225	11304	21.048	ug/l	96
95) Naphthalene	13.774	128	97147	19.506	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	27328	19.550	ug/l	97

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

