

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100824\
 Data File : VX043314.D
 Acq On : 08 Oct 2024 10:28
 Operator : JC/MD
 Sample : VX1008WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1008WBS01

Quant Time: Oct 09 01:32:50 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

Manual Integrations APPROVED

Reviewed By : John Carlone 10/09/2024
 Supervised By : Mahesh Dadoda 10/09/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	110984	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	196106	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	165075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74072	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	94448	52.108	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.220%			
35) Dibromofluoromethane	5.385	113	67652	50.023	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.040%			
50) Toluene-d8	8.647	98	228977	48.856	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.720%			
62) 4-Bromofluorobenzene	11.079	95	83632	49.118	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.240%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	23355	18.091	ug/l	99
3) Chloromethane	1.294	50	23319	17.539	ug/l	98
4) Vinyl Chloride	1.374	62	23955	17.988	ug/l	94
5) Bromomethane	1.599	94	9912	18.218	ug/l	98
6) Chloroethane	1.666	64	11429	23.045	ug/l	97
7) Trichlorofluoromethane	1.874	101	38602	19.400	ug/l	97
8) Diethyl Ether	2.136	74	14535	18.771	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	23854	19.210	ug/l	99
10) Methyl Iodide	2.447	142	27535	17.655	ug/l	99
11) Tert butyl alcohol	2.989	59	39276	113.871	ug/l	98
12) 1,1-Dichloroethene	2.313	96	21761	17.648	ug/l	100
13) Acrolein	2.239	56	28560	87.668	ug/l	98
14) Allyl chloride	2.660	41	39165	19.333	ug/l	98
15) Acrylonitrile	3.069	53	69551	98.752	ug/l	100
16) Acetone	2.392	43	75273	99.445	ug/l	100
17) Carbon Disulfide	2.502	76	45464	15.159	ug/l	98
18) Methyl Acetate	2.709	43	43047	22.670	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	87323	19.794	ug/l	98
20) Methylene Chloride	2.788	84	25559	18.314	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	22859	18.627	ug/l	98
22) Diisopropyl ether	3.764	45	82062	20.140	ug/l	94
23) Vinyl Acetate	3.721	43	481103	109.402	ug/l	99
24) 1,1-Dichloroethane	3.605	63	46519	19.597	ug/l	98
25) 2-Butanone	4.562	43	106936	103.035	ug/l	99
26) 2,2-Dichloropropane	4.471	77	44665	19.776	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	29514	19.284	ug/l	100
28) Bromochloromethane	4.898	49	17215	18.382	ug/l	99
29) Tetrahydrofuran	5.013	42	65743	99.436	ug/l	99
30) Chloroform	5.093	83	50399	19.333	ug/l	97
31) Cyclohexane	5.464	56	35652	18.229	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	47006	19.632	ug/l	99
36) 1,1-Dichloropropene	5.690	75	31447	18.406	ug/l	99
37) Ethyl Acetate	4.721	43	40051	19.520	ug/l	99
38) Carbon Tetrachloride	5.672	117	38698	19.133	ug/l	95
39) Methylcyclohexane	7.379	83	39140	18.214	ug/l	92
40) Benzene	6.038	78	98998	19.111	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	22239	20.822	ug/l	99
42) 1,2-Dichloroethane	6.086	62	41901	19.850	ug/l	99
43) Isopropyl Acetate	6.342	43	66060	19.493	ug/l	99
44) Trichloroethene	7.123	130	24929	18.144	ug/l	90
45) 1,2-Dichloropropane	7.428	63	24380	19.178	ug/l	96
46) Dibromomethane	7.580	93	19587	19.228	ug/l	98
47) Bromodichloromethane	7.824	83	38224	19.086	ug/l #	98
48) Methyl methacrylate	7.696	41	32345	19.452	ug/l	98
49) 1,4-Dioxane	7.671	88	13080	404.665	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	204747	99.476	ug/l	99
52) Toluene	8.720	92	60590	18.663	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	38805	19.499	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	40451	18.951	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	25414	19.697	ug/l	98
56) Ethyl methacrylate	9.116	69	40703	19.296	ug/l	100
57) 1,3-Dichloropropane	9.305	76	43529	19.808	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	92069	96.830	ug/l	99
59) 2-Hexanone	9.433	43	158053	101.544	ug/l	100
60) Dibromochloromethane	9.519	129	27717	18.517	ug/l	100
61) 1,2-Dibromoethane	9.610	107	26602	19.190	ug/l	100
64) Tetrachloroethene	9.269	164	22163	19.349	ug/l	98
65) Chlorobenzene	10.079	112	66866	18.841	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	24671	19.660	ug/l	99
67) Ethyl Benzene	10.195	91	116600	19.008	ug/l	98
68) m/p-Xylenes	10.299	106	86346	37.247	ug/l	98
69) o-Xylene	10.640	106	44081	19.136	ug/l	98
70) Styrene	10.653	104	71570	19.171	ug/l	99
71) Bromoform	10.799	173	17912	18.633	ug/l #	97
73) Isopropylbenzene	10.963	105	112946	19.613	ug/l	99
74) N-amyl acetate	10.842	43	53374	19.524	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	38597	20.573	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	33270m	20.250	ug/l	
77) Bromobenzene	11.195	156	26863	19.168	ug/l	98
78) n-propylbenzene	11.305	91	126256	19.971	ug/l	100
79) 2-Chlorotoluene	11.366	91	79284	19.507	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	92576	19.488	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	11605	18.306	ug/l	93
82) 4-Chlorotoluene	11.451	91	88535	19.122	ug/l	99
83) tert-Butylbenzene	11.713	119	96566	19.731	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	94578	19.787	ug/l	99
85) sec-Butylbenzene	11.890	105	114340	19.708	ug/l	100
86) p-Isopropyltoluene	12.006	119	95483	19.726	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	47474	19.230	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	48175	18.927	ug/l	100
89) n-Butylbenzene	12.329	91	78063	19.263	ug/l	98
90) Hexachloroethane	12.536	117	16906	18.623	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	49074	19.437	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8842	19.304	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	27379	18.810	ug/l	99
94) Hexachlorobutadiene	13.725	225	11402	19.761	ug/l	97
95) Naphthalene	13.774	128	98844	18.473	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	28488	18.970	ug/l	99

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

