

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102924\
 Data File : VX043586.D
 Acq On : 29 Oct 2024 10:57
 Operator : JC/MD
 Sample : VX1029WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1029WBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/30/2024
 Supervised By :Mahesh Dadoda 10/30/2024

Quant Time: Oct 30 01:26:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 28 13:41:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	202431	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	352202	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	294857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	142936	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	135908	42.105	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	84.220%		
35) Dibromofluoromethane	5.379	113	111394	46.642	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.280%		
50) Toluene-d8	8.647	98	399169	48.283	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.560%		
62) 4-Bromofluorobenzene	11.079	95	144111	47.042	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	94.080%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	40027	18.489	ug/l	100
3) Chloromethane	1.294	50	44310	16.012	ug/l	92
4) Vinyl Chloride	1.374	62	46678	18.174	ug/l	99
5) Bromomethane	1.593	94	18192	17.375	ug/l	97
6) Chloroethane	1.660	64	17156m	18.960	ug/l	
7) Trichlorofluoromethane	1.861	101	64804	20.654	ug/l	98
8) Diethyl Ether	2.136	74	25896	17.863	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.312	101	45384	21.388	ug/l	99
10) Methyl Iodide	2.440	142	57476	18.748	ug/l	97
11) Tert butyl alcohol	3.007	59	56407m	93.626	ug/l	
12) 1,1-Dichloroethene	2.306	96	42035	19.385	ug/l	92
13) Acrolein	2.239	56	40906	86.821	ug/l	99
14) Allyl chloride	2.654	41	68347	18.223	ug/l	96
15) Acrylonitrile	3.068	53	115840	85.162	ug/l	99
16) Acetone	2.386	43	118332	92.319	ug/l	98
17) Carbon Disulfide	2.501	76	82388	18.170	ug/l	100
18) Methyl Acetate	2.703	43	60142	16.054	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	143107	17.354	ug/l	100
20) Methylene Chloride	2.782	84	47149	17.068	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	44262	19.321	ug/l	97
22) Diisopropyl ether	3.757	45	139725	18.024	ug/l	92
23) Vinyl Acetate	3.721	43	571697	89.264	ug/l	99
24) 1,1-Dichloroethane	3.605	63	79799	17.909	ug/l	98
25) 2-Butanone	4.556	43	160914	86.062	ug/l	99
26) 2,2-Dichloropropane	4.465	77	72610	19.908	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	53987	18.448	ug/l	99
28) Bromochloromethane	4.891	49	37071	17.489	ug/l	96
29) Tetrahydrofuran	5.007	42	100228	82.487	ug/l	98
30) Chloroform	5.086	83	84330	18.055	ug/l	99
31) Cyclohexane	5.458	56	69310	20.338	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	76151	19.420	ug/l	99
36) 1,1-Dichloropropene	5.684	75	56285	19.875	ug/l	98
37) Ethyl Acetate	4.714	43	60171	17.501	ug/l	98
38) Carbon Tetrachloride	5.666	117	62906	20.104	ug/l	97
39) Methylcyclohexane	7.373	83	75030	21.340	ug/l	99
40) Benzene	6.031	78	178716	18.917	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	33159	18.374	ug/l	97
42) 1,2-Dichloroethane	6.080	62	62263	18.332	ug/l	99
43) Isopropyl Acetate	6.336	43	100112	17.607	ug/l	100
44) Trichloroethene	7.123	130	46116	19.649	ug/l	95
45) 1,2-Dichloropropane	7.427	63	42277	18.174	ug/l	100
46) Dibromomethane	7.580	93	32080	17.910	ug/l	96
47) Bromodichloromethane	7.818	83	57532	18.310	ug/l	99
48) Methyl methacrylate	7.696	41	48326	17.927	ug/l	98
49) 1,4-Dioxane	7.671	88	23130	417.634	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	312558	90.192	ug/l	99
52) Toluene	8.714	92	113851	19.871	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	59568	17.650	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	70181	19.517	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	44829	18.797	ug/l	93
56) Ethyl methacrylate	9.116	69	69497	17.934	ug/l	98
57) 1,3-Dichloropropane	9.305	76	74400	18.757	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	172110	91.703	ug/l	99
59) 2-Hexanone	9.433	43	240151	91.242	ug/l	100
60) Dibromochloromethane	9.518	129	44184	18.709	ug/l	98
61) 1,2-Dibromoethane	9.610	107	45897	18.539	ug/l	96
64) Tetrachloroethene	9.269	164	39340	21.213	ug/l	98
65) Chlorobenzene	10.079	112	123286	19.435	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	40788	19.685	ug/l	99
67) Ethyl Benzene	10.195	91	209043	20.209	ug/l	100
68) m/p-Xylenes	10.299	106	160547	40.586	ug/l	99
69) o-Xylene	10.640	106	79997	20.128	ug/l	99
70) Styrene	10.652	104	133590	20.223	ug/l	99
71) Bromoform	10.799	173	26501	17.788	ug/l #	96
73) Isopropylbenzene	10.963	105	207962	20.539	ug/l	100
74) N-amyl acetate	10.841	43	89068	18.058	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	67422	18.518	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	54362m	17.788	ug/l	
77) Bromobenzene	11.195	156	50119	19.170	ug/l	99
78) n-propylbenzene	11.305	91	227750	20.630	ug/l	99
79) 2-Chlorotoluene	11.360	91	143898	19.657	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	171034	20.260	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	19932	17.942	ug/l	96
82) 4-Chlorotoluene	11.451	91	162418	19.767	ug/l	96
83) tert-Butylbenzene	11.713	119	176326	20.537	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	176438	20.508	ug/l	99
85) sec-Butylbenzene	11.890	105	214438	21.308	ug/l	100
86) p-Isopropyltoluene	12.006	119	180325	21.080	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	92275	19.691	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	93923	19.343	ug/l	99
89) n-Butylbenzene	12.329	91	148112	21.249	ug/l	99
90) Hexachloroethane	12.536	117	28082	20.210	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	92312	19.265	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	12277	16.540	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	55722	19.158	ug/l	98
94) Hexachlorobutadiene	13.725	225	22819	21.279	ug/l	98
95) Naphthalene	13.774	128	207496	18.643	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	57807	18.850	ug/l	99

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

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