

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082124\
 Data File : VX043080.D
 Acq On : 21 Aug 2024 11:52
 Operator : JC/MD
 Sample : VX0821WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/23/2024
 Supervised By :Semsettin Yesilyurt 08/23/2024

Quant Time: Aug 22 03:30:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 04:22:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	164261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	304301	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	255024	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	124905	57.869	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.740%			
35) Dibromofluoromethane	5.385	113	96548	51.287	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.580%			
50) Toluene-d8	8.647	98	356517	49.060	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.120%			
62) 4-Bromofluorobenzene	11.079	95	131958	50.079	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.160%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	33123	19.945	ug/l	99
3) Chloromethane	1.294	50	47297	19.239	ug/l	99
4) Vinyl Chloride	1.374	62	41167	16.672	ug/l	98
5) Bromomethane	1.599	94	12780	17.081	ug/l	99
6) Chloroethane	1.666	64	13419	17.243	ug/l	96
7) Trichlorofluoromethane	1.867	101	44576	17.266	ug/l	100
8) Diethyl Ether	2.136	74	19808	16.585	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	38194	20.686	ug/l	97
10) Methyl Iodide	2.447	142	42620	20.571	ug/l #	88
11) Tert butyl alcohol	2.995	59	61292	110.062	ug/l #	92
12) 1,1-Dichloroethene	2.313	96	39040	19.704	ug/l	92
13) Acrolein	2.239	56	44655	79.318	ug/l	98
14) Allyl chloride	2.660	41	84149	22.661	ug/l	93
15) Acrylonitrile	3.069	53	140934	102.176	ug/l	99
16) Acetone	2.392	43	122991	114.888	ug/l	93
17) Carbon Disulfide	2.502	76	108678	19.127	ug/l	99
18) Methyl Acetate	2.709	43	82532	23.330	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	147437	22.080	ug/l	98
20) Methylene Chloride	2.788	84	46571	18.812	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	40551	19.625	ug/l	96
22) Diisopropyl ether	3.764	45	163700	21.588	ug/l	96
23) Vinyl Acetate	3.721	43	942221	106.585	ug/l	98
24) 1,1-Dichloroethane	3.605	63	83770	21.904	ug/l	100
25) 2-Butanone	4.568	43	200044	106.596	ug/l	100
26) 2,2-Dichloropropane	4.471	77	67550	22.171	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	49867	19.994	ug/l	99
28) Bromochloromethane	4.904	49	36518	21.107	ug/l	94
29) Tetrahydrofuran	5.013	42	131797	101.327	ug/l	99
30) Chloroform	5.093	83	79667	21.685	ug/l	97
31) Cyclohexane	5.464	56	73889	20.542	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	66896	21.812	ug/l	99
36) 1,1-Dichloropropene	5.696	75	55672	21.287	ug/l	99
37) Ethyl Acetate	4.721	43	78709	21.364	ug/l	99
38) Carbon Tetrachloride	5.672	117	55075	20.826	ug/l	91
39) Methylcyclohexane	7.379	83	72811	20.109	ug/l	94
40) Benzene	6.037	78	180833	20.296	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	42579	21.929	ug/l	95
42) 1,2-Dichloroethane	6.086	62	61448	23.710	ug/l	96
43) Isopropyl Acetate	6.342	43	127270	21.411	ug/l	98
44) Trichloroethene	7.123	130	40708	20.176	ug/l	97
45) 1,2-Dichloropropane	7.427	63	46914	21.396	ug/l	98
46) Dibromomethane	7.580	93	31422	20.959	ug/l	98
47) Bromodichloromethane	7.824	83	63518	21.821	ug/l	99
48) Methyl methacrylate	7.696	41	60134	21.454	ug/l	95
49) 1,4-Dioxane	7.665	88	23593	406.486	ug/l #	99
51) 4-Methyl-2-Pentanone	8.574	43	392952	104.021	ug/l	100
52) Toluene	8.720	92	108234	20.110	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	65639	20.649	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	73123	20.915	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	42453	20.082	ug/l	92
56) Ethyl methacrylate	9.116	69	78459	20.496	ug/l	99
57) 1,3-Dichloropropane	9.311	76	77408	21.606	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	181947	101.286	ug/l	96
59) 2-Hexanone	9.433	43	297591	102.514	ug/l	98
60) Dibromochloromethane	9.519	129	45895	20.589	ug/l	100
61) 1,2-Dibromoethane	9.610	107	43432	20.373	ug/l	98
64) Tetrachloroethene	9.275	164	34312	20.847	ug/l	97
65) Chlorobenzene	10.079	112	111842	20.328	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	38287	20.651	ug/l	97
67) Ethyl Benzene	10.195	91	200996	21.022	ug/l	100
68) m/p-Xylenes	10.299	106	149676	40.710	ug/l	100
69) o-Xylene	10.640	106	75716	20.500	ug/l	98
70) Styrene	10.653	104	123757	19.985	ug/l	99
71) Bromoform	10.799	173	31378	20.379	ug/l #	100
73) Isopropylbenzene	10.963	105	188256	21.780	ug/l	99
74) N-amyl acetate	10.842	43	107067	21.747	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	69943	21.021	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	58072m	22.361	ug/l	
77) Bromobenzene	11.195	156	42638	20.533	ug/l	94
78) n-propylbenzene	11.305	91	215015	21.827	ug/l	99
79) 2-Chlorotoluene	11.366	91	135457	22.094	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	153445	21.549	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	23347	19.609	ug/l	89
82) 4-Chlorotoluene	11.451	91	151217	22.134	ug/l	98
83) tert-Butylbenzene	11.713	119	155204	21.060	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	156461	21.780	ug/l	98
85) sec-Butylbenzene	11.890	105	194356	21.725	ug/l	100
86) p-Isopropyltoluene	12.006	119	154985	21.205	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	77442	20.741	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	78395	20.520	ug/l	99
89) n-Butylbenzene	12.329	91	134060	21.188	ug/l	99
90) Hexachloroethane	12.536	117	30647	20.877	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	78706	20.907	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15413	23.679	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	44465	20.984	ug/l	97
94) Hexachlorobutadiene	13.725	225	17611	22.272	ug/l	98
95) Naphthalene	13.774	128	174968	20.908	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	46244	21.337	ug/l	99

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

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