

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082324\
 Data File : VX043096.D
 Acq On : 23 Aug 2024 09:52
 Operator : JC/MD
 Sample : VX0823WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0823WBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/26/2024
 Supervised By :Mahesh Dadoda 08/27/2024

Quant Time: Aug 24 00:45:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082224W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 08:42:59 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	331352	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	618479	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	525545	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	242543	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	269792	49.534	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.060%
35) Dibromofluoromethane	5.379	113	209816	49.168	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.340%
50) Toluene-d8	8.647	98	776571	50.465	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.920%
62) 4-Bromofluorobenzene	11.079	95	257221	48.025	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	56952	19.210	ug/l	99
3) Chloromethane	1.294	50	87899	19.778	ug/l	98
4) Vinyl Chloride	1.374	62	94924	20.173	ug/l	98
5) Bromomethane	1.599	94	61340	21.867	ug/l	96
6) Chloroethane	1.666	64	58582	23.397	ug/l	96
7) Trichlorofluoromethane	1.873	101	166649	20.955	ug/l	98
8) Diethyl Ether	2.136	74	65773	19.127	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.318	101	74287	19.167	ug/l	98
10) Methyl Iodide	2.447	142	79546	19.374	ug/l	93
11) Tert butyl alcohol	2.995	59	118133	104.711	ug/l #	92
12) 1,1-Dichloroethene	2.312	96	74809	19.213	ug/l	94
13) Acrolein	2.239	56	40754	73.458	ug/l	98
14) Allyl chloride	2.660	41	140024	20.270	ug/l	97
15) Acrylonitrile	3.068	53	256145	96.719	ug/l	98
16) Acetone	2.386	43	240704	100.701	ug/l	95
17) Carbon Disulfide	2.501	76	187110	18.645	ug/l	99
18) Methyl Acetate	2.709	43	149835	19.749	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	278442	19.002	ug/l	96
20) Methylene Chloride	2.788	84	90869	19.628	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	74898	18.716	ug/l	96
22) Diisopropyl ether	3.763	45	293771	19.405	ug/l	99
23) Vinyl Acetate	3.721	43	1693950	99.886	ug/l	96
24) 1,1-Dichloroethane	3.605	63	158656	19.667	ug/l	99
25) 2-Butanone	4.562	43	364367	100.075	ug/l	95
26) 2,2-Dichloropropane	4.471	77	135640	19.858	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	94831	18.941	ug/l	98
28) Bromochloromethane	4.897	49	70462	19.153	ug/l	95
29) Tetrahydrofuran	5.007	42	233788	96.897	ug/l	96
30) Chloroform	5.086	83	155345	19.160	ug/l	97
31) Cyclohexane	5.464	56	128269	18.890	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	132405	19.281	ug/l	99
36) 1,1-Dichloropropene	5.684	75	103256	19.099	ug/l	99
37) Ethyl Acetate	4.714	43	141180	18.397	ug/l	98
38) Carbon Tetrachloride	5.665	117	109029	19.301	ug/l	91
39) Methylcyclohexane	7.372	83	135210	18.959	ug/l	96
40) Benzene	6.031	78	334383	19.005	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	74313	19.317	ug/l	93
42) 1,2-Dichloroethane	6.086	62	120304	19.069	ug/l	96
43) Isopropyl Acetate	6.342	43	227281	18.799	ug/l	99
44) Trichloroethene	7.123	130	77486	19.322	ug/l	97
45) 1,2-Dichloropropane	7.427	63	86574	19.518	ug/l	95
46) Dibromomethane	7.580	93	60957	18.763	ug/l	99
47) Bromodichloromethane	7.818	83	123124	19.194	ug/l	97
48) Methyl methacrylate	7.689	41	103505	19.323	ug/l	94
49) 1,4-Dioxane	7.665	88	41751	386.690	ug/l #	98
51) 4-Methyl-2-Pentanone	8.573	43	705635	97.124	ug/l	99
52) Toluene	8.714	92	206117	19.342	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	126086	19.358	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	135629	18.953	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	85356	19.806	ug/l	96
56) Ethyl methacrylate	9.116	69	143939	19.369	ug/l	97
57) 1,3-Dichloropropane	9.305	76	144992	19.278	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	339655	95.695	ug/l	98
59) 2-Hexanone	9.433	43	549849	98.454	ug/l	99
60) Dibromochloromethane	9.518	129	92027	19.360	ug/l	99
61) 1,2-Dibromoethane	9.610	107	83048	19.442	ug/l	99
64) Tetrachloroethene	9.268	164	67004	19.404	ug/l	98
65) Chlorobenzene	10.079	112	219637	19.064	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	74601	18.818	ug/l	98
67) Ethyl Benzene	10.195	91	386071	19.489	ug/l	98
68) m/p-Xylenes	10.299	106	295713	39.218	ug/l	97
69) o-Xylene	10.640	106	147117	19.218	ug/l	99
70) Styrene	10.652	104	239265	19.119	ug/l	97
71) Bromoform	10.799	173	59357	18.133	ug/l #	98
73) Isopropylbenzene	10.963	105	370487	19.562	ug/l	99
74) N-amyl acetate	10.841	43	189988	18.895	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	134490	19.113	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	109040m	19.305	ug/l	
77) Bromobenzene	11.195	156	83636	19.511	ug/l	97
78) n-propylbenzene	11.305	91	420298	19.723	ug/l	99
79) 2-Chlorotoluene	11.366	91	256665	19.210	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	298132	19.345	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	41719	17.120	ug/l	91
82) 4-Chlorotoluene	11.451	91	287048	19.236	ug/l	99
83) tert-Butylbenzene	11.713	119	306305	19.093	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	303628	19.663	ug/l	97
85) sec-Butylbenzene	11.890	105	385800	19.885	ug/l	100
86) p-Isopropyltoluene	12.006	119	306050	19.429	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	153288	18.974	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	155055	19.098	ug/l	99
89) n-Butylbenzene	12.329	91	264939	19.080	ug/l	97
90) Hexachloroethane	12.536	117	60758	18.575	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	158401	19.491	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	28247	18.456	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	84171	19.048	ug/l	97
94) Hexachlorobutadiene	13.725	225	33177	19.275	ug/l	97
95) Naphthalene	13.774	128	323113	18.699	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	86723	18.695	ug/l	98

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

