

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
 Data File : VX037205.D
 Acq On : 24 Aug 2023 10:37
 Operator : JC/MD
 Sample : VX0824WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 24 23:37:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh
 Dadoda

08/25/2023
 Supervised By :Semsettin
 Yesilyurt

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	154347	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	254804	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	238787	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	124856	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	103139	46.351	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.700%
35) Dibromofluoromethane	5.385	113	83995	49.775	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.540%
50) Toluene-d8	8.647	98	300879	49.153	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.300%
62) 4-Bromofluorobenzene	11.079	95	121333	50.439	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.880%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	37237	20.769	ug/l	96
3) Chloromethane	1.300	50	32037	20.425	ug/l	99
4) Vinyl Chloride	1.374	62	32904	19.272	ug/l	100
5) Bromomethane	1.605	94	24006	28.227	ug/l	96
6) Chloroethane	1.685	64	21747	21.645	ug/l	98
7) Trichlorofluoromethane	1.886	101	57151	20.435	ug/l	100
8) Diethyl Ether	2.130	74	20589	19.028	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.331	101	32890	20.158	ug/l	97
10) Methyl Iodide	2.453	142	39515	19.927	ug/l	96
11) Tert butyl alcohol	2.953	59	44809	85.845	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	29301	18.442	ug/l	89
13) Acrolein	2.233	56	36660	92.321	ug/l	98
14) Allyl chloride	2.660	41	45796	18.622	ug/l #	94
15) Acrylonitrile	3.062	53	86173	92.494	ug/l	99
16) Acetone	2.380	43	89050	102.296	ug/l	91
17) Carbon Disulfide	2.514	76	66955	16.567	ug/l	97
18) Methyl Acetate	2.703	43	58519	17.854	ug/l #	90
19) Methyl tert-butyl Ether	3.111	73	113460	18.829	ug/l	97
20) Methylene Chloride	2.788	84	35455	18.213	ug/l	87
21) trans-1,2-Dichloroethene	3.093	96	31802	17.608	ug/l	90
22) Diisopropyl ether	3.757	45	96067	19.037	ug/l #	94
23) Vinyl Acetate	3.721	43	362706	93.791	ug/l #	90
24) 1,1-Dichloroethane	3.611	63	59503	18.803	ug/l	97
25) 2-Butanone	4.550	43	121012	92.324	ug/l #	90
26) 2,2-Dichloropropane	4.477	77	56531	20.002	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	40924	19.220	ug/l	88
28) Bromochloromethane	4.897	49	29038	20.541	ug/l #	75
29) Tetrahydrofuran	5.001	42	72489	86.720	ug/l #	82
30) Chloroform	5.092	83	66493	18.717	ug/l	97
31) Cyclohexane	5.470	56	48431	19.357	ug/l	90
32) 1,1,1-Trichloroethane	5.379	97	61358	19.274	ug/l	97
36) 1,1-Dichloropropene	5.690	75	46295	19.310	ug/l	97
37) Ethyl Acetate	4.708	43	44648	18.231	ug/l #	94
38) Carbon Tetrachloride	5.672	117	52903	20.313	ug/l	98
39) Methylcyclohexane	7.379	83	56776	22.540	ug/l	90
40) Benzene	6.037	78	134841	19.610	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	4.916	41	24145	18.965	ug/l	#	88
42) 1,2-Dichloroethane	6.086	62	53010	19.659	ug/l		96
43) Isopropyl Acetate	6.336	43	73240	18.837	ug/l	#	92
44) Trichloroethene	7.123	130	37288	19.125	ug/l		94
45) 1,2-Dichloropropane	7.427	63	33895	19.992	ug/l		95
46) Dibromomethane	7.580	93	26129	19.563	ug/l		94
47) Bromodichloromethane	7.818	83	51073	19.964	ug/l		98
48) Methyl methacrylate	7.690	41	35853	18.908	ug/l	#	85
49) 1,4-Dioxane	7.659	88	20095	393.500	ug/l	#	89
51) 4-Methyl-2-Pentanone	8.574	43	230261	97.527	ug/l		92
52) Toluene	8.720	92	90187	19.851	ug/l		98
53) t-1,3-Dichloropropene	8.976	75	53965	19.812	ug/l		98
54) cis-1,3-Dichloropropene	8.366	75	57806	19.638	ug/l	#	88
55) 1,1,2-Trichloroethane	9.153	97	37762	20.413	ug/l		99
56) Ethyl methacrylate	9.116	69	56969	19.660	ug/l		89
57) 1,3-Dichloropropane	9.305	76	62600	20.073	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	146445	105.313	ug/l		93
59) 2-Hexanone	9.427	43	182487	101.370	ug/l		90
60) Dibromochloromethane	9.518	129	40333	20.478	ug/l		99
61) 1,2-Dibromoethane	9.610	107	39979	19.738	ug/l		100
64) Tetrachloroethene	9.275	164	30725	17.638	ug/l		94
65) Chlorobenzene	10.079	112	99686	19.752	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.165	131	37347	20.050	ug/l		98
67) Ethyl Benzene	10.195	91	177675	20.007	ug/l		98
68) m/p-Xylenes	10.299	106	136961	39.937	ug/l		99
69) o-Xylene	10.640	106	67792	20.036	ug/l		99
70) Styrene	10.652	104	112536	20.191	ug/l		98
71) Bromoform	10.799	173	27831	19.975	ug/l	#	100
73) Isopropylbenzene	10.963	105	182344	20.093	ug/l		99
74) N-amyl acetate	10.841	43	66631	18.896	ug/l	#	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	58920	19.278	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	49720m	18.699	ug/l		
77) Bromobenzene	11.195	156	42916	19.363	ug/l		93
78) n-propylbenzene	11.305	91	208098	20.593	ug/l		99
79) 2-Chlorotoluene	11.360	91	127362	19.722	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	158129	20.888	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	16956	17.811	ug/l		92
82) 4-Chlorotoluene	11.451	91	148119	19.870	ug/l		99
83) tert-Butylbenzene	11.713	119	154921	21.458	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	157188	20.545	ug/l		99
85) sec-Butylbenzene	11.890	105	195437	23.175	ug/l		100
86) p-Isopropyltoluene	12.006	119	165346	22.776	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	83238	20.059	ug/l		98
88) 1,4-Dichlorobenzene	12.042	146	83548	19.488	ug/l		99
89) n-Butylbenzene	12.329	91	140720	23.380	ug/l		99
90) Hexachloroethane	12.536	117	28348	23.396	ug/l		94
91) 1,2-Dichlorobenzene	12.335	146	81344	20.019	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	14169	19.952	ug/l		88
93) 1,2,4-Trichlorobenzene	13.585	180	51502	21.662	ug/l		98
94) Hexachlorobutadiene	13.725	225	23448	25.529	ug/l		99
95) Naphthalene	13.774	128	179847	17.269	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	52297	22.140	ug/l		97

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

