

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083023\
 Data File : VX037404.D
 Acq On : 31 Aug 2023 04:14
 Operator : JC/MD
 Sample : VX0830WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830WBS02

Quant Time: Aug 31 07:06:18 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 :John
 Carlone

08/31/2023
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	112101	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	204596	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	190267	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96744	50.000	ug/l	0.00

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System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	82817	51.244	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.480%	
35) Dibromofluoromethane	5.385	113	71806	52.994	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.980%	
50) Toluene-d8	8.647	98	244753	49.796	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.600%	
62) 4-Bromofluorobenzene	11.079	95	97346	50.398	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.800%	

09/01/2023

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	24873	19.101	ug/l	96
3) Chloromethane	1.294	50	26245	23.038	ug/l	100
4) Vinyl Chloride	1.374	62	26669	21.507	ug/l	99
5) Bromomethane	1.599	94	13386	21.671	ug/l	99
6) Chloroethane	1.678	64	17410	23.859	ug/l	99
7) Trichlorofluoromethane	1.886	101	39089	19.243	ug/l	98
8) Diethyl Ether	2.136	74	17132	21.800	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.325	101	21906	18.486	ug/l	96
10) Methyl Iodide	2.453	142	26347	18.293	ug/l	94
11) Tert butyl alcohol	2.959	59	38483	101.509	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	22437	19.443	ug/l	84
13) Acrolein	2.233	56	15338	53.182	ug/l	99
14) Allyl chloride	2.660	41	30031	16.813	ug/l #	90
15) Acrylonitrile	3.062	53	72393	106.986	ug/l	99
16) Acetone	2.380	43	62727	99.213	ug/l #	88
17) Carbon Disulfide	2.508	76	50174	17.093	ug/l	99
18) Methyl Acetate	2.703	43	49511	20.798	ug/l #	88
19) Methyl tert-butyl Ether	3.111	73	91941	21.008	ug/l	96
20) Methylene Chloride	2.788	84	30240	21.388	ug/l	86
21) trans-1,2-Dichloroethene	3.093	96	26018	19.834	ug/l	87
22) Diisopropyl ether	3.757	45	77860	21.243	ug/l #	93
23) Vinyl Acetate	3.721	43	283262	100.852	ug/l #	92
24) 1,1-Dichloroethane	3.605	63	48398	21.057	ug/l	97
25) 2-Butanone	4.556	43	96867	101.754	ug/l #	88
26) 2,2-Dichloropropane	4.477	77	24198	11.789	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	31686	20.489	ug/l	85
28) Bromochloromethane	4.897	49	26824	26.125	ug/l #	72
29) Tetrahydrofuran	5.007	42	61999	102.123	ug/l #	84
30) Chloroform	5.093	83	52939	20.518	ug/l	92
31) Cyclohexane	5.470	56	34241	18.843	ug/l	86
32) 1,1,1-Trichloroethane	5.379	97	45236	19.565	ug/l	96
36) 1,1-Dichloropropene	5.696	75	34648	17.998	ug/l	97
37) Ethyl Acetate	4.715	43	36801	18.714	ug/l #	93
38) Carbon Tetrachloride	5.678	117	37338	17.855	ug/l	99
39) Methylcyclohexane	7.379	83	38293	18.933	ug/l	89
40) Benzene	6.037	78	111922	20.272	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	4.922	41	18809	18.399	ug/l	#	83
42) 1,2-Dichloroethane	6.086	62	41927	19.365	ug/l		94
43) Isopropyl Acetate	6.336	43	58739	18.814	ug/l	#	91
44) Trichloroethene	7.123	130	28972	18.506	ug/l		100
45) 1,2-Dichloropropane	7.427	63	28064	20.615	ug/l		96
46) Dibromomethane	7.580	93	21180	19.749	ug/l		93
47) Bromodichloromethane	7.818	83	39410	19.186	ug/l		99
48) Methyl methacrylate	7.696	41	29203	19.180	ug/l	#	84
49) 1,4-Dioxane	7.659	88	17912	436.827	ug/l	#	88
51) 4-Methyl-2-Pentanone	8.574	43	189378	99.895	ug/l		89
52) Toluene	8.720	92	73517	20.153	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	37301	17.055	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	41616	17.608	ug/l	#	85
55) 1,1,2-Trichloroethane	9.153	97	31135	20.960	ug/l		99
56) Ethyl methacrylate	9.116	69	46266	19.885	ug/l	#	84
57) 1,3-Dichloropropane	9.305	76	51626	20.617	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	132324	118.510	ug/l		93
59) 2-Hexanone	9.427	43	144395	99.894	ug/l		87
60) Dibromochloromethane	9.519	129	30768	19.455	ug/l		99
61) 1,2-Dibromoethane	9.610	107	32815	20.177	ug/l		99
64) Tetrachloroethene	9.275	164	24568	17.700	ug/l		95
65) Chlorobenzene	10.079	112	79937	19.878	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.165	131	29615	19.954	ug/l		100
67) Ethyl Benzene	10.195	91	135186	19.105	ug/l		97
68) m/p-Xylenes	10.299	106	106863	39.107	ug/l		97
69) o-Xylene	10.640	106	53775	19.946	ug/l		100
70) Styrene	10.652	104	88548	19.939	ug/l		96
71) Bromoform	10.799	173	21123	19.026	ug/l	#	100
73) Isopropylbenzene	10.963	105	136655	19.434	ug/l		99
74) N-amyl acetate	10.841	43	50840	18.607	ug/l	#	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	49627	20.956	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	40521m	19.667	ug/l		
77) Bromobenzene	11.195	156	33585	19.556	ug/l		93
78) n-propylbenzene	11.305	91	149644	19.111	ug/l		99
79) 2-Chlorotoluene	11.366	91	97842	19.554	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	117092	19.962	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	9827	13.322	ug/l		94
82) 4-Chlorotoluene	11.451	91	108542	18.792	ug/l		98
83) tert-Butylbenzene	11.713	119	114311	20.434	ug/l		97
84) 1,2,4-Trimethylbenzene	11.750	105	117704	19.855	ug/l		97
85) sec-Butylbenzene	11.890	105	135695	20.767	ug/l		98
86) p-Isopropyltoluene	12.006	119	116233	20.664	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	61320	19.071	ug/l		99
88) 1,4-Dichlorobenzene	12.042	146	62851	18.920	ug/l		99
89) n-Butylbenzene	12.329	91	88186	18.910	ug/l		99
90) Hexachloroethane	12.536	117	19313	20.571	ug/l		92
91) 1,2-Dichlorobenzene	12.335	146	64607	20.520	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	10450	18.991	ug/l		80
93) 1,2,4-Trichlorobenzene	13.585	180	36954	20.059	ug/l		97
94) Hexachlorobutadiene	13.725	225	14314	20.113	ug/l		98
95) Naphthalene	13.774	128	137328	17.018	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	37851	20.681	ug/l		99

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

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