

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080723\
 Data File : VX036833.D
 Acq On : 07 Aug 2023 13:30
 Operator : JC/MD
 Sample : VX0807WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBS01

Quant Time: Aug 08 01:33:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 08/08/2023
 Supervised By :Mahesh Dadoda 08/08/2023

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 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	155630	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	266338	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	236761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117154	50.000	ug/l	0.00

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System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	114472	49.710	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.420%
35) Dibromofluoromethane	5.385	113	95148	51.975	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.940%
50) Toluene-d8	8.647	98	318839	49.113	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.220%
62) 4-Bromofluorobenzene	11.079	95	126276	51.556	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.120%

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Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	47058	22.889	ug/l	98
3) Chloromethane	1.301	50	35997	19.250	ug/l	100
4) Vinyl Chloride	1.374	62	40686	21.370	ug/l	98
5) Bromomethane	1.599	94	20692	18.205	ug/l	100
6) Chloroethane	1.679	64	24226	26.173	ug/l	96
7) Trichlorofluoromethane	1.886	101	69464	23.627	ug/l	99
8) Diethyl Ether	2.136	74	23800	20.924	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.325	101	39765	22.512	ug/l	98
10) Methyl Iodide	2.453	142	43349	23.628	ug/l	95
11) Tert butyl alcohol	2.965	59	54568	100.094	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	38996	22.377	ug/l	87
13) Acrolein	2.233	56	33554	107.847	ug/l	100
14) Allyl chloride	2.660	41	62949	18.344	ug/l #	95
15) Acrylonitrile	3.063	53	110970	101.217	ug/l	99
16) Acetone	2.380	43	94845	99.255	ug/l	90
17) Carbon Disulfide	2.508	76	100571	20.910	ug/l	99
18) Methyl Acetate	2.703	43	78291	19.476	ug/l #	90
19) Methyl tert-butyl Ether	3.117	73	142618	21.778	ug/l	98
20) Methylene Chloride	2.788	84	43107	20.284	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	42085	21.608	ug/l	90
22) Diisopropyl ether	3.764	45	126133	19.359	ug/l	85
23) Vinyl Acetate	3.721	43	493954	98.832	ug/l #	94
24) 1,1-Dichloroethane	3.611	63	76053	20.819	ug/l	98
25) 2-Butanone	4.556	43	155247	100.137	ug/l	93
26) 2,2-Dichloropropane	4.477	77	68690	19.956	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	49560	21.424	ug/l	92
28) Bromochloromethane	4.898	49	34018	19.255	ug/l #	81
29) Tetrahydrofuran	5.007	42	98730	98.776	ug/l	87
30) Chloroform	5.093	83	81131	21.708	ug/l	95
31) Cyclohexane	5.477	56	64212	20.139	ug/l	91
32) 1,1,1-Trichloroethane	5.385	97	76435	22.320	ug/l	96
36) 1,1-Dichloropropene	5.696	75	60537	22.186	ug/l	98
37) Ethyl Acetate	4.715	43	61803	20.012	ug/l	95
38) Carbon Tetrachloride	5.678	117	65786	22.678	ug/l	98
39) Methylcyclohexane	7.379	83	64187	18.918	ug/l	92
40) Benzene	6.038	78	171321	21.581	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	33051	20.009	ug/l	91
42) 1,2-Dichloroethane	6.086	62	64958	22.380	ug/l	96
43) Isopropyl Acetate	6.342	43	104441	19.646	ug/l #	94
44) Trichloroethene	7.129	130	47294	22.791	ug/l	97
45) 1,2-Dichloropropane	7.434	63	42938	20.258	ug/l	99
46) Dibromomethane	7.580	93	32757	22.082	ug/l	95
47) Bromodichloromethane	7.824	83	62853	20.642	ug/l	95
48) Methyl methacrylate	7.696	41	49195	19.898	ug/l #	88
49) 1,4-Dioxane	7.659	88	18133	363.059	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	306972	104.343	ug/l	94
52) Toluene	8.720	92	114675	23.054	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	71323	20.724	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	75166	20.698	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	44589	21.325	ug/l	97
56) Ethyl methacrylate	9.116	69	72317	21.239	ug/l	92
57) 1,3-Dichloropropane	9.311	76	75355	21.637	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	171873	102.447	ug/l	94
59) 2-Hexanone	9.427	43	231960	106.238	ug/l	92
60) Dibromochloromethane	9.519	129	49409	21.499	ug/l	100
61) 1,2-Dibromoethane	9.610	107	48708	22.476	ug/l	100
64) Tetrachloroethene	9.275	164	45585	25.813	ug/l	98
65) Chlorobenzene	10.080	112	117660	22.545	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	45233	22.424	ug/l	100
67) Ethyl Benzene	10.195	91	211203	22.153	ug/l	100
68) m/p-Xylenes	10.299	106	160818	45.209	ug/l	99
69) o-Xylene	10.640	106	79799	22.474	ug/l	99
70) Styrene	10.653	104	131084	22.376	ug/l	98
71) Bromoform	10.799	173	34509	21.134	ug/l #	100
73) Isopropylbenzene	10.964	105	200378	20.667	ug/l	98
74) N-amyl acetate	10.842	43	87470	19.346	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	67588	20.640	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	57260m	20.780	ug/l	
77) Bromobenzene	11.201	156	48363	21.903	ug/l	95
78) n-propylbenzene	11.305	91	228930	20.417	ug/l	100
79) 2-Chlorotoluene	11.366	91	141937	20.890	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	169242	20.866	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	22342	18.377	ug/l	87
82) 4-Chlorotoluene	11.451	91	164302	21.223	ug/l	98
83) tert-Butylbenzene	11.713	119	158637	19.909	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	172161	21.224	ug/l	97
85) sec-Butylbenzene	11.890	105	188841	19.003	ug/l	99
86) p-Isopropyltoluene	12.006	119	162568	19.882	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	89603	21.911	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	90569	22.316	ug/l	99
89) n-Butylbenzene	12.329	91	139069	18.999	ug/l	99
90) Hexachloroethane	12.536	117	28700	17.314	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	87505	22.174	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15845	20.822	ug/l	85
93) 1,2,4-Trichlorobenzene	13.585	180	50799	20.893	ug/l	98
94) Hexachlorobutadiene	13.725	225	18198	18.092	ug/l	99
95) Naphthalene	13.774	128	195949	23.127	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	50692	21.154	ug/l	99

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

