

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090523\
 Data File : VX037505.D
 Acq On : 05 Sep 2023 12:17
 Operator : JC/MD
 Sample : VX0905WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/06/2023
 Supervised By : Mahesh Dadoda 09/06/2023

Quant Time: Sep 06 02:51:44 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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	129671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	212310	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	201644	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105588	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	90933	48.642	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.280%		
35) Dibromofluoromethane	5.385	113	79218	56.340	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	112.680%		
50) Toluene-d8	8.647	98	276240	54.161	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	108.320%		
62) 4-Bromofluorobenzene	11.079	95	113632	56.692	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	113.380%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	28142	18.683	ug/l	99
3) Chloromethane	1.301	50	25478	19.334	ug/l	96
4) Vinyl Chloride	1.374	62	27995	19.517	ug/l	99
5) Bromomethane	1.599	94	15413	21.572	ug/l	99
6) Chloroethane	1.679	64	17913	21.222	ug/l	92
7) Trichlorofluoromethane	1.886	101	44433	18.910	ug/l	100
8) Diethyl Ether	2.130	74	17815	19.597	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.325	101	27678	20.192	ug/l	97
10) Methyl Iodide	2.447	142	31476	18.893	ug/l	93
11) Tert butyl alcohol	2.965	59	39835	90.838	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	24369	18.256	ug/l #	78
13) Acrolein	2.233	56	22978	68.877	ug/l	98
14) Allyl chloride	2.660	41	37686	18.240	ug/l #	90
15) Acrylonitrile	3.063	53	81960	104.712	ug/l	99
16) Acetone	2.380	43	71562	97.850	ug/l #	87
17) Carbon Disulfide	2.508	76	52721	15.527	ug/l	97
18) Methyl Acetate	2.703	43	54827	19.911	ug/l #	86
19) Methyl tert-butyl Ether	3.111	73	96669	19.095	ug/l	97
20) Methylene Chloride	2.788	84	32333	19.769	ug/l #	83
21) trans-1,2-Dichloroethene	3.087	96	27277	17.976	ug/l	88
22) Diisopropyl ether	3.764	45	81124	19.135	ug/l #	83
23) Vinyl Acetate	3.721	43	308378	94.917	ug/l #	92
24) 1,1-Dichloroethane	3.605	63	50369	18.945	ug/l	96
25) 2-Butanone	4.556	43	107486	97.610	ug/l #	86
26) 2,2-Dichloropropane	4.471	77	41992	17.686	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	33709	18.844	ug/l	87
28) Bromochloromethane	4.898	49	25779	21.705	ug/l #	73
29) Tetrahydrofuran	5.007	42	67413	95.995	ug/l #	82
30) Chloroform	5.093	83	55569	18.619	ug/l	94
31) Cyclohexane	5.465	56	40314	19.179	ug/l	90
32) 1,1,1-Trichloroethane	5.379	97	48801	18.247	ug/l	96
36) 1,1-Dichloropropene	5.690	75	37207	18.625	ug/l	96
37) Ethyl Acetate	4.715	43	39442	19.328	ug/l #	91
38) Carbon Tetrachloride	5.678	117	41563	19.153	ug/l	95
39) Methylcyclohexane	7.379	83	47912	22.828	ug/l	89
40) Benzene	6.038	78	116679	20.365	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	20815	19.622	ug/l #	84
42) 1,2-Dichloroethane	6.086	62	42847	19.070	ug/l	93
43) Isopropyl Acetate	6.342	43	64303	19.848	ug/l #	91
44) Trichloroethene	7.123	130	31182	19.194	ug/l	99
45) 1,2-Dichloropropane	7.434	63	30216	21.389	ug/l	98
46) Dibromomethane	7.580	93	22788	20.477	ug/l	92
47) Bromodichloromethane	7.824	83	42292	19.841	ug/l	98
48) Methyl methacrylate	7.696	41	30665	19.409	ug/l #	81
49) 1,4-Dioxane	7.659	88	18628	437.783	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	209992	106.744	ug/l	89
52) Toluene	8.720	92	76968	20.333	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	43846	19.319	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	48213	19.658	ug/l #	83
55) 1,1,2-Trichloroethane	9.153	97	33582	21.786	ug/l	97
56) Ethyl methacrylate	9.116	69	50913	21.087	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	55231	21.255	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	124809	107.718	ug/l	93
59) 2-Hexanone	9.427	43	161139	107.427	ug/l	86
60) Dibromochloromethane	9.519	129	33460	20.388	ug/l	99
61) 1,2-Dibromoethane	9.610	107	35961	21.308	ug/l	100
64) Tetrachloroethene	9.275	164	26003	17.677	ug/l	98
65) Chlorobenzene	10.080	112	84755	19.887	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	31837	20.240	ug/l	100
67) Ethyl Benzene	10.195	91	146724	19.565	ug/l	100
68) m/p-Xylenes	10.299	106	116249	40.141	ug/l	97
69) o-Xylene	10.640	106	57792	20.227	ug/l	98
70) Styrene	10.653	104	96142	20.427	ug/l	96
71) Bromoform	10.799	173	24486	20.811	ug/l #	98
73) Isopropylbenzene	10.964	105	152694	19.896	ug/l	98
74) N-amyl acetate	10.842	43	55254	18.529	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.214	83	54780	21.194	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	44896m	19.965	ug/l	
77) Bromobenzene	11.195	156	37065	19.775	ug/l	91
78) n-propylbenzene	11.305	91	172148	20.144	ug/l	99
79) 2-Chlorotoluene	11.366	91	108214	19.815	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	131012	20.464	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	14145	17.569	ug/l	90
82) 4-Chlorotoluene	11.451	91	122381	19.413	ug/l	98
83) tert-Butylbenzene	11.713	119	129706	21.244	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	130235	20.128	ug/l	97
85) sec-Butylbenzene	11.890	105	161582	22.657	ug/l	99
86) p-Isopropyltoluene	12.006	119	136837	22.289	ug/l	97
87) 1,3-Dichlorobenzene	11.970	146	70702	20.148	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	70139	19.346	ug/l	98
89) n-Butylbenzene	12.329	91	111275	21.862	ug/l	99
90) Hexachloroethane	12.536	117	22393	21.853	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	71718	20.871	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	11756	19.575	ug/l	82
93) 1,2,4-Trichlorobenzene	13.585	180	42920	21.346	ug/l	97
94) Hexachlorobutadiene	13.725	225	19684	25.341	ug/l	97
95) Naphthalene	13.774	128	150853	17.128	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	42496	21.274	ug/l	97

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

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