

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102523\
 Data File : VX038497.D
 Acq On : 26 Oct 2023 04:39
 Operator : JC/MD
 Sample : VX1025WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/26/2023
 Supervised By : Mahesh Dadoda 10/26/2023

Quant Time: Oct 26 06:15:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	159552	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	260894	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	255435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	145562	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	106565	41.525	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	83.040%		
35) Dibromofluoromethane	5.385	113	95883	51.004	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.000%		
50) Toluene-d8	8.647	98	323471	45.029	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	90.060%#		
62) 4-Bromofluorobenzene	11.079	95	128539	47.198	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.400%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	31827	20.666	ug/l	96
3) Chloromethane	1.295	50	30852	19.655	ug/l	98
4) Vinyl Chloride	1.374	62	35039	20.133	ug/l	97
5) Bromomethane	1.605	94	42567	18.079	ug/l	100
6) Chloroethane	1.691	64	23501	18.457	ug/l	99
7) Trichlorofluoromethane	1.886	101	63236	18.395	ug/l	98
8) Diethyl Ether	2.136	74	23974	18.700	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.331	101	33180	22.110	ug/l	92
10) Methyl Iodide	2.453	142	47430	21.966	ug/l	90
11) Tert butyl alcohol	2.953	59	54581	89.215	ug/l	# 91
12) 1,1-Dichloroethene	2.319	96	32587	22.323	ug/l	85
13) Acrolein	2.233	56	35989	98.647	ug/l	99
14) Allyl chloride	2.666	41	48994	18.764	ug/l	95
15) Acrylonitrile	3.062	53	121306	103.870	ug/l	98
16) Acetone	2.374	43	101935	95.174	ug/l	# 89
17) Carbon Disulfide	2.514	76	76713	18.233	ug/l	98
18) Methyl Acetate	2.703	43	103830	22.606	ug/l	# 91
19) Methyl tert-butyl Ether	3.111	73	121077	20.826	ug/l	99
20) Methylene Chloride	2.788	84	41886	20.791	ug/l	# 87
21) trans-1,2-Dichloroethene	3.093	96	36387	20.132	ug/l	90
22) Diisopropyl ether	3.764	45	106549	19.471	ug/l	# 87
23) Vinyl Acetate	3.721	43	369845	92.159	ug/l	# 94
24) 1,1-Dichloroethane	3.611	63	65976	19.866	ug/l	98
25) 2-Butanone	4.556	43	162337	93.940	ug/l	# 85
26) 2,2-Dichloropropane	4.477	77	37276	14.376	ug/l	91
27) cis-1,2-Dichloroethene	4.489	96	45509	21.142	ug/l	83
28) Bromochloromethane	4.898	49	27689	18.469	ug/l	# 70
29) Tetrahydrofuran	5.007	42	104645	93.010	ug/l	# 85
30) Chloroform	5.093	83	74449	20.500	ug/l	94
31) Cyclohexane	5.471	56	47449	17.066	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	61782	19.862	ug/l	98
36) 1,1-Dichloropropene	5.696	75	48632	18.760	ug/l	94
37) Ethyl Acetate	4.715	43	57636	18.720	ug/l	# 94
38) Carbon Tetrachloride	5.678	117	54224	21.263	ug/l	98
39) Methylcyclohexane	7.379	83	53511	17.623	ug/l	93
40) Benzene	6.038	78	152225	20.994	ug/l	98

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41) Methacrylonitrile	4.922	41	30076	19.637	ug/l #	84
42) 1,2-Dichloroethane	6.086	62	57462	19.836	ug/l	97
43) Isopropyl Acetate	6.336	43	89253	19.419	ug/l #	95
44) Trichloroethene	7.129	130	43621	23.002	ug/l	91
45) 1,2-Dichloropropane	7.434	63	38650	20.596	ug/l	98
46) Dibromomethane	7.580	93	31463	21.617	ug/l	91
47) Bromodichloromethane	7.824	83	55893	21.587	ug/l	93
48) Methyl methacrylate	7.696	41	43788	19.957	ug/l #	84
49) 1,4-Dioxane	7.659	88	18887	349.322	ug/l #	85
51) 4-Methyl-2-Pentanone	8.574	43	320611	101.133	ug/l	95
52) Toluene	8.720	92	98729	20.903	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	52545	18.906	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	58152	19.915	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	45398	22.472	ug/l	96
56) Ethyl methacrylate	9.116	69	62551	20.194	ug/l	90
57) 1,3-Dichloropropane	9.311	76	69399	21.240	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	148827	97.886	ug/l	95
59) 2-Hexanone	9.427	43	256254	100.547	ug/l	94
60) Dibromochloromethane	9.519	129	46981	23.761	ug/l	99
61) 1,2-Dibromoethane	9.610	107	47723	21.844	ug/l	98
64) Tetrachloroethene	9.275	164	38395	23.219	ug/l	97
65) Chlorobenzene	10.080	112	113869	21.303	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	42424	23.472	ug/l	99
67) Ethyl Benzene	10.195	91	194161	20.350	ug/l	100
68) m/p-Xylenes	10.299	106	151832	41.156	ug/l	97
69) o-Xylene	10.640	106	74712	20.750	ug/l	97
70) Styrene	10.653	104	123450	21.053	ug/l	95
71) Bromoform	10.799	173	35573	22.864	ug/l #	100
73) Isopropylbenzene	10.964	105	197388	20.220	ug/l	99
74) N-amyl acetate	10.842	43	75148	18.027	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	75732	21.142	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	66864m	20.206	ug/l	
77) Bromobenzene	11.195	156	53024	22.248	ug/l	84
78) n-propylbenzene	11.305	91	229133	19.196	ug/l	99
79) 2-Chlorotoluene	11.366	91	136023	19.216	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	167347	19.870	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	16280	17.240	ug/l	95
82) 4-Chlorotoluene	11.451	91	160315	19.139	ug/l	94
83) tert-Butylbenzene	11.713	119	166335	20.213	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	167780	19.981	ug/l	97
85) sec-Butylbenzene	11.890	105	210265	19.725	ug/l	100
86) p-Isopropyltoluene	12.006	119	176345	20.050	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	99375	20.760	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	100999	20.667	ug/l	98
89) n-Butylbenzene	12.329	91	152931	17.460	ug/l	96
90) Hexachloroethane	12.536	117	29463	20.204	ug/l	87
91) 1,2-Dichlorobenzene	12.335	146	99002	21.516	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.939	75	16737	19.325	ug/l	67
93) 1,2,4-Trichlorobenzene	13.585	180	66460	21.535	ug/l	97
94) Hexachlorobutadiene	13.725	225	25178	20.270	ug/l	97
95) Naphthalene	13.774	128	224946	20.930	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	65839	22.033	ug/l	97

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

