

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101022\
 Data File : VX032004.D
 Acq On : 10 Oct 2022 12:01
 Operator : JC/MD
 Sample : VX1010WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/11/2022
 Supervised By : Mahesh Dadoda 10/11/2022

Quant Time: Oct 11 05:07:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	63209	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	94993	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	102260	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64277	49.239	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.480%		
35) Dibromofluoromethane	5.385	113	54187	50.394	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.780%		
50) Toluene-d8	8.647	98	191257	49.431	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.860%		
62) 4-Bromofluorobenzene	11.079	95	69824	51.046	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.100%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	19464	20.691	ug/l	97
3) Chloromethane	1.288	50	17088	17.347	ug/l	99
4) Vinyl Chloride	1.374	62	20112	17.471	ug/l	100
5) Bromomethane	1.612	94	15728	18.852	ug/l	93
6) Chloroethane	1.685	64	16667	17.014	ug/l	98
7) Trichlorofluoromethane	1.886	101	37193	17.974	ug/l	97
8) Diethyl Ether	2.136	74	13073	18.534	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	19241	18.396	ug/l	92
10) Methyl Iodide	2.453	142	16273	17.203	ug/l	99
11) Tert butyl alcohol	2.989	59	17163	105.675	ug/l	100
12) 1,1-Dichloroethene	2.319	96	17094	17.755	ug/l	88
13) Acrolein	2.239	56	9914	96.284	ug/l	98
14) Allyl chloride	2.666	41	25437	18.568	ug/l	98
15) Acrylonitrile	3.069	53	50050	96.668	ug/l	99
16) Acetone	2.386	43	40393	91.046	ug/l	96
17) Carbon Disulfide	2.508	76	35456	17.149	ug/l	99
18) Methyl Acetate	2.703	43	29008	19.816	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	60938	18.861	ug/l	93
20) Methylene Chloride	2.788	84	20496	17.580	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	18694	17.533	ug/l	93
22) Diisopropyl ether	3.757	45	59302	19.256	ug/l	88
23) Vinyl Acetate	3.721	43	231236	100.447	ug/l	99
24) 1,1-Dichloroethane	3.605	63	33910	18.368	ug/l	96
25) 2-Butanone	4.562	43	66285	95.576	ug/l	99
26) 2,2-Dichloropropane	4.477	77	24079	18.159	ug/l	94
27) cis-1,2-Dichloroethene	4.483	96	23600	18.498	ug/l	87
28) Bromochloromethane	4.898	49	16438	20.802	ug/l	88
29) Tetrahydrofuran	5.013	42	41255	92.193	ug/l	93
30) Chloroform	5.093	83	38263	18.607	ug/l	98
31) Cyclohexane	5.464	56	28351	18.180	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	32822	18.783	ug/l	97
36) 1,1-Dichloropropene	5.690	75	26539	18.613	ug/l	100
37) Ethyl Acetate	4.715	43	26047	19.403	ug/l	98
38) Carbon Tetrachloride	5.678	117	28452	19.516	ug/l	93
39) Methylcyclohexane	7.385	83	32850	19.315	ug/l	94
40) Benzene	6.038	78	79780	19.108	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	13791	19.756	ug/l	90
42) 1,2-Dichloroethane	6.086	62	31164	20.483	ug/l	98
43) Isopropyl Acetate	6.342	43	41723	20.486	ug/l	98
44) Trichloroethene	7.129	130	22186	18.122	ug/l	91
45) 1,2-Dichloropropane	7.428	63	20293	19.777	ug/l	93
46) Dibromomethane	7.580	93	15517	19.513	ug/l	92
47) Bromodichloromethane	7.824	83	28071	20.434	ug/l	96
48) Methyl methacrylate	7.696	41	20303	20.861	ug/l	93
49) 1,4-Dioxane	7.696	88	8935	361.722	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	140299	103.949	ug/l	99
52) Toluene	8.720	92	51011	18.686	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	26989	19.018	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	30691	20.630	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	22203	19.270	ug/l	96
56) Ethyl methacrylate	9.116	69	29466	19.951	ug/l	97
57) 1,3-Dichloropropane	9.311	76	36340	19.627	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	78045	102.370	ug/l	94
59) 2-Hexanone	9.433	43	102222	102.717	ug/l	99
60) Dibromochloromethane	9.519	129	21351	20.248	ug/l	97
61) 1,2-Dibromoethane	9.610	107	22662	19.558	ug/l	100
64) Tetrachloroethene	9.275	164	22354	19.363	ug/l	97
65) Chlorobenzene	10.079	112	56728	18.308	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	20387	19.015	ug/l	97
67) Ethyl Benzene	10.195	91	98092	18.714	ug/l	99
68) m/p-Xylenes	10.305	106	76783	36.861	ug/l	100
69) o-Xylene	10.640	106	37712	18.626	ug/l	98
70) Styrene	10.659	104	61958	19.143	ug/l	99
71) Bromoform	10.799	173	14198	20.229	ug/l #	98
73) Isopropylbenzene	10.964	105	99021	18.834	ug/l	100
74) N-amyl acetate	10.842	43	34547	21.518	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	32384	19.386	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	25879m	18.114	ug/l	
77) Bromobenzene	11.201	156	24302	18.765	ug/l	96
78) n-propylbenzene	11.305	91	114441	19.137	ug/l	100
79) 2-Chlorotoluene	11.366	91	69513	19.316	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	84848	19.458	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	6986	19.699	ug/l #	82
82) 4-Chlorotoluene	11.457	91	79620	19.319	ug/l	99
83) tert-Butylbenzene	11.713	119	81465	18.877	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	85423	19.284	ug/l	99
85) sec-Butylbenzene	11.890	105	105639	19.771	ug/l	100
86) p-Isopropyltoluene	12.012	119	88973	19.778	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	46865	19.005	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	47183	18.590	ug/l	98
89) n-Butylbenzene	12.335	91	75700	20.095	ug/l	98
90) Hexachloroethane	12.536	117	13307	19.424	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	46498	18.966	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6341	20.738	ug/l	87
93) 1,2,4-Trichlorobenzene	13.585	180	28747	19.319	ug/l	95
94) Hexachlorobutadiene	13.725	225	12843	21.340	ug/l	97
95) Naphthalene	13.774	128	99526	19.519	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	29952	19.844	ug/l	99

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

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