

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090822\
 Data File : VX031241.D
 Acq On : 09 Sep 2022 03:36
 Operator : JC/MD
 Sample : VX0908WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908WBSD02

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/09/2022
 Supervised By :Mahesh Dadoda 09/09/2022

Quant Time: Sep 09 04:12:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	37608	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	63565	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	68963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	42776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	57024	64.044	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 128.080%#			
35) Dibromofluoromethane	5.397	113	38149	55.074	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.140%			
50) Toluene-d8	8.653	98	125911	50.031	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.060%			
62) 4-Bromofluorobenzene	11.079	95	51959	56.337	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.680%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	14738	24.386	ug/l	98
3) Chloromethane	1.288	50	9141	19.683	ug/l	92
4) Vinyl Chloride	1.374	62	11393	20.781	ug/l	100
5) Bromomethane	1.612	94	8230	23.495	ug/l	94
6) Chloroethane	1.685	64	8096	26.325	ug/l	# 88
7) Trichlorofluoromethane	1.886	101	29897	25.026	ug/l	95
8) Diethyl Ether	2.136	74	7374	21.732	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.325	101	14435	21.368	ug/l	97
10) Methyl Iodide	2.453	142	15456	18.503	ug/l	# 76
11) Tert butyl alcohol	2.989	59	23769	137.158	ug/l	99
12) 1,1-Dichloroethene	2.319	96	12345	19.442	ug/l	81
13) Acrolein	2.239	56	11790	95.343	ug/l	98
14) Allyl chloride	2.666	41	15294	17.930	ug/l	# 64
15) Acrylonitrile	3.069	53	35742	105.422	ug/l	96
16) Acetone	2.386	43	36216	117.471	ug/l	90
17) Carbon Disulfide	2.508	76	30857	19.766	ug/l	99
18) Methyl Acetate	2.709	43	16725	20.956	ug/l	# 85
19) Methyl tert-butyl Ether	3.117	73	53245	23.609	ug/l	91
20) Methylene Chloride	2.794	84	14875	20.529	ug/l	86
21) trans-1,2-Dichloroethene	3.093	96	14541	20.668	ug/l	97
22) Diisopropyl ether	3.770	45	33934	18.945	ug/l	# 88
23) Vinyl Acetate	3.727	43	159194	105.887	ug/l	# 90
24) 1,1-Dichloroethane	3.611	63	26438	22.253	ug/l	98
25) 2-Butanone	4.562	43	47462	103.934	ug/l	# 88
26) 2,2-Dichloropropane	4.477	77	18394	17.302	ug/l	91
27) cis-1,2-Dichloroethene	4.495	96	15768	19.521	ug/l	97
28) Bromochloromethane	4.898	49	8290	19.243	ug/l	# 73
29) Tetrahydrofuran	5.013	42	25986	96.384	ug/l	# 69
30) Chloroform	5.105	83	32770	23.318	ug/l	98
31) Cyclohexane	5.471	56	18554	18.648	ug/l	# 82
32) 1,1,1-Trichloroethane	5.385	97	32605	25.742	ug/l	97
36) 1,1-Dichloropropene	5.696	75	20909	20.156	ug/l	96
37) Ethyl Acetate	4.721	43	17899	19.450	ug/l	# 94
38) Carbon Tetrachloride	5.678	117	28630	26.232	ug/l	# 87
39) Methylcyclohexane	7.385	83	22514	19.003	ug/l	96
40) Benzene	6.038	78	56976	20.219	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	9833	20.434	ug/l #	91
42) 1,2-Dichloroethane	6.086	62	30007	26.008	ug/l	91
43) Isopropyl Acetate	6.348	43	31758	21.888	ug/l #	96
44) Trichloroethene	7.129	130	16087	20.309	ug/l	88
45) 1,2-Dichloropropane	7.434	63	13096	18.910	ug/l	97
46) Dibromomethane	7.586	93	12089	22.014	ug/l	96
47) Bromodichloromethane	7.824	83	25130	23.525	ug/l #	98
48) Methyl methacrylate	7.696	41	15007	21.240	ug/l #	83
49) 1,4-Dioxane	7.684	88	8372	429.228	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	91335	102.800	ug/l	92
52) Toluene	8.720	92	37812	20.344	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	25042	22.503	ug/l	91
54) cis-1,3-Dichloropropene	8.366	75	23806	19.926	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	15405	20.159	ug/l	95
56) Ethyl methacrylate	9.122	69	23671	21.025	ug/l	91
57) 1,3-Dichloropropane	9.311	76	25703	19.466	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.245	63	44303	83.495	ug/l #	89
59) 2-Hexanone	9.433	43	70189	104.465	ug/l	95
60) Dibromochloromethane	9.525	129	18301	23.230	ug/l	99
61) 1,2-Dibromoethane	9.610	107	17422	20.516	ug/l	99
64) Tetrachloroethene	9.275	164	14526	20.234	ug/l	97
65) Chlorobenzene	10.080	112	40368	19.881	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	18076	22.792	ug/l	94
67) Ethyl Benzene	10.195	91	76970	20.918	ug/l	96
68) m/p-Xylenes	10.305	106	56340	41.305	ug/l	81
69) o-Xylene	10.640	106	27173	19.961	ug/l	77
70) Styrene	10.659	104	46175	21.152	ug/l #	90
71) Bromoform	10.799	173	13002	24.606	ug/l #	99
73) Isopropylbenzene	10.964	105	77675	20.911	ug/l	95
74) N-amyl acetate	10.842	43	23721	20.059	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	22953	19.795	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	23684m	20.287	ug/l	
77) Bromobenzene	11.201	156	17085	21.163	ug/l	97
78) n-propylbenzene	11.305	91	86091	20.333	ug/l	98
79) 2-Chlorotoluene	11.366	91	55613	21.200	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	67227	21.528	ug/l	90
81) trans-1,4-Dichloro-2-b...	11.018	75	6852	18.928	ug/l	86
82) 4-Chlorotoluene	11.457	91	64977	21.409	ug/l	91
83) tert-Butylbenzene	11.719	119	65236	21.192	ug/l	91
84) 1,2,4-Trimethylbenzene	11.756	105	67062	22.090	ug/l	91
85) sec-Butylbenzene	11.890	105	79514	20.856	ug/l	97
86) p-Isopropyltoluene	12.012	119	65630	21.308	ug/l	92
87) 1,3-Dichlorobenzene	11.969	146	30816	20.538	ug/l	93
88) 1,4-Dichlorobenzene	12.043	146	31117	20.166	ug/l	96
89) n-Butylbenzene	12.335	91	54329	20.458	ug/l	96
90) Hexachloroethane	12.543	117	12302	23.246	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	30929	21.020	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7015	22.028	ug/l	78
93) 1,2,4-Trichlorobenzene	13.591	180	18893	21.957	ug/l	95
94) Hexachlorobutadiene	13.725	225	7824	21.413	ug/l	96
95) Naphthalene	13.774	128	70899	21.034	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	18879	21.551	ug/l	97

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

