

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082523\
 Data File : VX037262.D
 Acq On : 25 Aug 2023 11:31
 Operator : JC/MD
 Sample : VX0825WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0825WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/28/2023
 Supervised By :Semsettin Yesilyurt 08/28/2023

Quant Time: Aug 26 02:17:55 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	5.549	168	137154	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	233448	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113465	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	102149	51.660	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.320%			
35) Dibromofluoromethane	5.385	113	83533	54.029	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.060%			
50) Toluene-d8	8.646	98	295162	52.631	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.260%			
62) 4-Bromofluorobenzene	11.079	95	118938	53.966	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.940%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	31470	19.753	ug/l	98
3) Chloromethane	1.300	50	29217	20.962	ug/l	97
4) Vinyl Chloride	1.373	62	29462	19.419	ug/l	98
5) Bromomethane	1.599	94	21082	27.896	ug/l	97
6) Chloroethane	1.684	64	20457	22.914	ug/l	99
7) Trichlorofluoromethane	1.885	101	50463	20.305	ug/l	99
8) Diethyl Ether	2.129	74	20369	21.184	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.324	101	29292	20.204	ug/l	97
10) Methyl Iodide	2.452	142	33212	18.848	ug/l	95
11) Tert butyl alcohol	2.958	59	45128	97.293	ug/l #	92
12) 1,1-Dichloroethene	2.318	96	26386	18.689	ug/l	86
13) Acrolein	2.233	56	35633	100.984	ug/l	99
14) Allyl chloride	2.660	41	42583	19.486	ug/l #	91
15) Acrylonitrile	3.062	53	89865	108.548	ug/l	98
16) Acetone	2.379	43	82462	106.602	ug/l #	89
17) Carbon Disulfide	2.513	76	55559	15.471	ug/l	98
18) Methyl Acetate	2.702	43	59773	20.523	ug/l #	87
19) Methyl tert-butyl Ether	3.111	73	110686	20.671	ug/l	96
20) Methylene Chloride	2.788	84	35014	20.241	ug/l	86
21) trans-1,2-Dichloroethene	3.093	96	29756	18.540	ug/l	86
22) Diisopropyl ether	3.757	45	93422	20.833	ug/l #	96
23) Vinyl Acetate	3.720	43	351580	102.310	ug/l #	91
24) 1,1-Dichloroethane	3.611	63	56649	20.145	ug/l	96
25) 2-Butanone	4.556	43	121656	104.450	ug/l #	86
26) 2,2-Dichloropropane	4.476	77	48182	19.185	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	37278	19.702	ug/l	91
28) Bromochloromethane	4.897	49	34363	27.354	ug/l #	78
29) Tetrahydrofuran	5.007	42	74975	100.938	ug/l #	83
30) Chloroform	5.092	83	63631	20.157	ug/l	100
31) Cyclohexane	5.470	56	42385	19.064	ug/l #	84
32) 1,1,1-Trichloroethane	5.379	97	54600	19.301	ug/l	97
36) 1,1-Dichloropropene	5.690	75	41657	18.965	ug/l	97
37) Ethyl Acetate	4.714	43	45450	20.256	ug/l #	93
38) Carbon Tetrachloride	5.677	117	47097	19.738	ug/l	95
39) Methylcyclohexane	7.378	83	51220	22.194	ug/l	92
40) Benzene	6.037	78	128070	20.330	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	24768	21.234	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	51470	20.834	ug/l	95
43) Isopropyl Acetate	6.342	43	72987	20.489	ug/l #	91
44) Trichloroethene	7.122	130	34505	19.316	ug/l	97
45) 1,2-Dichloropropane	7.433	63	33317	21.449	ug/l	97
46) Dibromomethane	7.580	93	25881	21.150	ug/l	94
47) Bromodichloromethane	7.823	83	48480	20.684	ug/l	95
48) Methyl methacrylate	7.689	41	35844	20.633	ug/l #	86
49) 1,4-Dioxane	7.659	88	19927	425.907	ug/l #	86
51) 4-Methyl-2-Pentanone	8.573	43	234713	108.507	ug/l	90
52) Toluene	8.720	92	84733	20.357	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	50095	20.073	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	53839	19.964	ug/l #	88
55) 1,1,2-Trichloroethane	9.152	97	37473	22.109	ug/l	98
56) Ethyl methacrylate	9.116	69	56247	21.187	ug/l	87
57) 1,3-Dichloropropane	9.311	76	62153	21.753	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	140763	110.487	ug/l	92
59) 2-Hexanone	9.427	43	182782	110.822	ug/l	89
60) Dibromochloromethane	9.518	129	38038	21.079	ug/l	98
61) 1,2-Dibromoethane	9.610	107	39921	21.513	ug/l	100
64) Tetrachloroethene	9.274	164	27685	17.393	ug/l	99
65) Chlorobenzene	10.079	112	95172	20.638	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.164	131	36017	21.162	ug/l	99
67) Ethyl Benzene	10.195	91	164210	20.237	ug/l	98
68) m/p-Xylenes	10.299	106	128203	40.913	ug/l	100
69) o-Xylene	10.640	106	64211	20.769	ug/l	99
70) Styrene	10.658	104	108210	21.248	ug/l	97
71) Bromoform	10.799	173	26191	20.573	ug/l #	100
73) Isopropylbenzene	10.963	105	169670	20.573	ug/l	99
74) N-amyl acetate	10.841	43	64374	20.088	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	60861	21.913	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	49281m	20.394	ug/l	
77) Bromobenzene	11.195	156	40448	20.082	ug/l	93
78) n-propylbenzene	11.305	91	192791	20.993	ug/l	99
79) 2-Chlorotoluene	11.365	91	120584	20.547	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	147168	21.392	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	15592	18.022	ug/l	93
82) 4-Chlorotoluene	11.457	91	139258	20.557	ug/l	99
83) tert-Butylbenzene	11.713	119	146528	22.333	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	147317	21.188	ug/l	98
85) sec-Butylbenzene	11.890	105	178787	23.329	ug/l	99
86) p-Isopropyltoluene	12.006	119	151075	22.900	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	78785	20.892	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	78975	20.271	ug/l	99
89) n-Butylbenzene	12.335	91	125884	23.015	ug/l	99
90) Hexachloroethane	12.536	117	24780	22.504	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	79183	21.444	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.938	75	14059	21.785	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	48373	22.388	ug/l	97
94) Hexachlorobutadiene	13.725	225	20506	24.567	ug/l	98
95) Naphthalene	13.774	128	172408	18.216	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	48089	22.402	ug/l	98

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

