

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080323\
 Data File : VX036788.D
 Acq On : 03 Aug 2023 10:29
 Operator : JC/MD
 Sample : VX0803WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0803WBS01

Quant Time: Aug 04 07:30:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/04/2023
 Supervised By :Semsettin Yesilyurt 08/04/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	149314	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	255595	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	229476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	111668	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	105386	47.701	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.400%		
35) Dibromofluoromethane	5.385	113	86151	49.038	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.080%		
50) Toluene-d8	8.647	98	295473	47.427	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.860%		
62) 4-Bromofluorobenzene	11.079	95	114006	48.503	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	31275	15.856	ug/l	95
3) Chloromethane	1.301	50	28331	15.792	ug/l	99
4) Vinyl Chloride	1.374	62	31317	17.145	ug/l	97
5) Bromomethane	1.599	94	16750	15.360	ug/l	96
6) Chloroethane	1.685	64	20056	22.584	ug/l	95
7) Trichlorofluoromethane	1.886	101	56317	19.965	ug/l	100
8) Diethyl Ether	2.136	74	20908	19.159	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.331	101	31789	18.758	ug/l	98
10) Methyl Iodide	2.453	142	29786	16.922	ug/l	95
11) Tert butyl alcohol	2.959	59	56567	108.150	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	30396	18.180	ug/l	87
13) Acrolein	2.239	56	29902	100.174	ug/l	100
14) Allyl chloride	2.666	41	55502	16.858	ug/l	95
15) Acrylonitrile	3.062	53	101637	96.626	ug/l	99
16) Acetone	2.380	43	95782	104.476	ug/l	95
17) Carbon Disulfide	2.514	76	69087	14.972	ug/l	99
18) Methyl Acetate	2.703	43	74762	19.385	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	121009	19.260	ug/l	100
20) Methylene Chloride	2.788	84	37215	18.253	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	33434	17.892	ug/l	89
22) Diisopropyl ether	3.757	45	114013	18.239	ug/l	98
23) Vinyl Acetate	3.721	43	438801	91.510	ug/l #	94
24) 1,1-Dichloroethane	3.611	63	65478	18.682	ug/l	96
25) 2-Butanone	4.556	43	146859	98.733	ug/l	93
26) 2,2-Dichloropropane	4.477	77	61048	18.486	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	41460	18.680	ug/l	94
28) Bromochloromethane	4.898	49	33245	19.613	ug/l	88
29) Tetrahydrofuran	5.001	42	90748	94.630	ug/l	90
30) Chloroform	5.093	83	69891	19.492	ug/l	100
31) Cyclohexane	5.471	56	50851	16.623	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	62840	19.126	ug/l	98
36) 1,1-Dichloropropene	5.696	75	47769	18.243	ug/l	98
37) Ethyl Acetate	4.715	43	55207	18.627	ug/l	96
38) Carbon Tetrachloride	5.678	117	53651	19.272	ug/l	100
39) Methylcyclohexane	7.379	83	56428	17.330	ug/l	91
40) Benzene	6.038	78	141987	18.637	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	29300	18.484	ug/l #	90
42) 1,2-Dichloroethane	6.086	62	55209	19.821	ug/l	97
43) Isopropyl Acetate	6.342	43	92461	18.123	ug/l #	95
44) Trichloroethene	7.129	130	38276	19.221	ug/l	97
45) 1,2-Dichloropropane	7.434	63	38223	18.791	ug/l	98
46) Dibromomethane	7.580	93	27648	19.422	ug/l	96
47) Bromodichloromethane	7.824	83	56291	19.264	ug/l	97
48) Methyl methacrylate	7.690	41	43671	18.406	ug/l	90
49) 1,4-Dioxane	7.659	88	21912	457.162	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	281427	99.681	ug/l	95
52) Toluene	8.720	92	91579	19.184	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	60875	18.432	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	64587	18.533	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	39360	19.615	ug/l	96
56) Ethyl methacrylate	9.116	69	63522	19.440	ug/l	93
57) 1,3-Dichloropropane	9.305	76	66401	19.867	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	131439	81.639	ug/l	97
59) 2-Hexanone	9.427	43	212877	101.596	ug/l	95
60) Dibromochloromethane	9.519	129	43631	19.783	ug/l	100
61) 1,2-Dibromoethane	9.610	107	41839	20.118	ug/l	98
64) Tetrachloroethene	9.275	164	33055	19.312	ug/l	97
65) Chlorobenzene	10.080	112	99802	19.730	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	39157	20.028	ug/l	99
67) Ethyl Benzene	10.195	91	177111	19.167	ug/l	99
68) m/p-Xylenes	10.299	106	134745	39.082	ug/l	99
69) o-Xylene	10.640	106	66588	19.349	ug/l	100
70) Styrene	10.653	104	109754	19.330	ug/l	98
71) Bromoform	10.799	173	29986	18.947	ug/l #	98
73) Isopropylbenzene	10.964	105	175258	18.964	ug/l	98
74) N-amyl acetate	10.842	43	77397	17.959	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	60390	19.347	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	51693m	19.681	ug/l	
77) Bromobenzene	11.195	156	40711	19.344	ug/l	96
78) n-propylbenzene	11.305	91	201914	18.892	ug/l	99
79) 2-Chlorotoluene	11.366	91	121860	18.816	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	147582	19.089	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	19382	16.726	ug/l	88
82) 4-Chlorotoluene	11.451	91	139235	18.868	ug/l	100
83) tert-Butylbenzene	11.713	119	148445	19.545	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	147709	19.104	ug/l	98
85) sec-Butylbenzene	11.890	105	183940	19.420	ug/l	99
86) p-Isopropyltoluene	12.006	119	150619	19.325	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	75353	19.331	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	76428	19.757	ug/l	99
89) n-Butylbenzene	12.329	91	130234	18.666	ug/l	99
90) Hexachloroethane	12.536	117	27566	17.447	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	74598	19.832	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	13702	18.891	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	44450	19.180	ug/l	97
94) Hexachlorobutadiene	13.725	225	18525	19.322	ug/l	99
95) Naphthalene	13.774	128	160107	19.825	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	44569	19.512	ug/l	99

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

