

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093023\
 Data File : VX037994.D
 Acq On : 30 Sep 2023 11:25
 Operator : JC/MD
 Sample : VX0930WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0930WBSD01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/02/2023
 Supervised By :Mahesh Dadoda 10/02/2023

Quant Time: Oct 02 02:07:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	235026	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	375996	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	362801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	206396	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	155773	50.447	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.900%			
35) Dibromofluoromethane	5.385	113	137071	54.484	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.960%			
50) Toluene-d8	8.647	98	433104	46.332	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 92.660%			
62) 4-Bromofluorobenzene	11.079	95	196264	57.779	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.560%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	39702	16.027	ug/l	97
3) Chloromethane	1.294	50	45911	17.033	ug/l	99
4) Vinyl Chloride	1.374	62	53315	18.335	ug/l	97
5) Bromomethane	1.605	94	41310	19.844	ug/l	98
6) Chloroethane	1.685	64	37442	18.691	ug/l	96
7) Trichlorofluoromethane	1.886	101	94830	20.285	ug/l	98
8) Diethyl Ether	2.136	74	37441	20.672	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.331	101	49429	20.834	ug/l	95
10) Methyl Iodide	2.453	142	61134	19.472	ug/l	92
11) Tert butyl alcohol	2.953	59	63422	95.687	ug/l #	95
12) 1,1-Dichloroethene	2.319	96	46639	20.341	ug/l	85
13) Acrolein	2.233	56	49887	76.188	ug/l	98
14) Allyl chloride	2.666	41	71098	18.618	ug/l #	94
15) Acrylonitrile	3.062	53	144692	98.185	ug/l	99
16) Acetone	2.380	43	140551	94.618	ug/l #	87
17) Carbon Disulfide	2.514	76	110742	19.264	ug/l	99
18) Methyl Acetate	2.703	43	105168	19.626	ug/l	92
19) Methyl tert-butyl Ether	3.111	73	170311	20.192	ug/l	99
20) Methylene Chloride	2.788	84	57151	20.795	ug/l #	86
21) trans-1,2-Dichloroethene	3.093	96	54251	21.308	ug/l	88
22) Diisopropyl ether	3.757	45	161933	20.357	ug/l	98
23) Vinyl Acetate	3.721	43	597659	102.146	ug/l	95
24) 1,1-Dichloroethane	3.611	63	95364	20.006	ug/l	98
25) 2-Butanone	4.556	43	197989	94.450	ug/l #	90
26) 2,2-Dichloropropane	4.477	77	71980	18.688	ug/l	92
27) cis-1,2-Dichloroethene	4.495	96	65039	20.837	ug/l	88
28) Bromochloromethane	4.904	49	42522	19.122	ug/l #	81
29) Tetrahydrofuran	5.001	42	124831	95.737	ug/l	89
30) Chloroform	5.093	83	105374	20.521	ug/l	99
31) Cyclohexane	5.471	56	80285	20.257	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	88942	20.456	ug/l	97
36) 1,1-Dichloropropene	5.696	75	73920	21.329	ug/l	95
37) Ethyl Acetate	4.715	43	77205	20.264	ug/l	96
38) Carbon Tetrachloride	5.684	117	77455	21.360	ug/l	95
39) Methylcyclohexane	7.379	83	95723	21.763	ug/l	94
40) Benzene	6.037	78	224226	21.040	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	38959	20.054	ug/l #	86
42) 1,2-Dichloroethane	6.086	62	81805	21.238	ug/l	95
43) Isopropyl Acetate	6.342	43	122182	20.055	ug/l #	95
44) Trichloroethene	7.129	130	62591	21.089	ug/l	95
45) 1,2-Dichloropropane	7.427	63	58128	21.003	ug/l	96
46) Dibromomethane	7.580	93	43775	21.988	ug/l	92
47) Bromodichloromethane	7.824	83	77802	21.219	ug/l	98
48) Methyl methacrylate	7.696	41	59309	20.365	ug/l #	86
49) 1,4-Dioxane	7.659	88	27277	357.259	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	346111	89.544	ug/l	96
52) Toluene	8.720	92	113817	16.571	ug/l	93
53) t-1,3-Dichloropropene	8.982	75	62279	16.244	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	90580	21.348	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	46607	16.095	ug/l	95
56) Ethyl methacrylate	9.116	69	67907	15.708	ug/l	95
57) 1,3-Dichloropropane	9.311	76	76702	16.368	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	150965	74.784	ug/l	99
59) 2-Hexanone	9.433	43	240167	79.803	ug/l	95
60) Dibromochloromethane	9.519	129	47001	16.293	ug/l	99
61) 1,2-Dibromoethane	9.610	107	51939	16.940	ug/l	99
64) Tetrachloroethene	9.275	164	36436	14.726	ug/l	99
65) Chlorobenzene	10.079	112	166491	21.275	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	59430	21.430	ug/l	99
67) Ethyl Benzene	10.195	91	293478	21.631	ug/l	99
68) m/p-Xylenes	10.299	106	232324	44.313	ug/l	96
69) o-Xylene	10.640	106	112048	21.313	ug/l	96
70) Styrene	10.652	104	186669	22.117	ug/l	95
71) Bromoform	10.799	173	45354	20.702	ug/l #	100
73) Isopropylbenzene	10.963	105	295682	19.527	ug/l	98
74) N-amyl acetate	10.841	43	112725	18.382	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	102322	19.214	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	88123m	18.460	ug/l	
77) Bromobenzene	11.201	156	76348	20.371	ug/l	86
78) n-propylbenzene	11.305	91	359328	21.012	ug/l	99
79) 2-Chlorotoluene	11.366	91	208734	19.796	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	248722	19.450	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	24516	16.451	ug/l	94
82) 4-Chlorotoluene	11.457	91	234042	19.716	ug/l	95
83) tert-Butylbenzene	11.713	119	246186	19.049	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	257367	20.228	ug/l	97
85) sec-Butylbenzene	11.890	105	326607	20.830	ug/l	100
86) p-Isopropyltoluene	12.012	119	281165	21.523	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	148449	21.248	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	150372	21.034	ug/l	98
89) n-Butylbenzene	12.335	91	241550	21.107	ug/l	97
90) Hexachloroethane	12.536	117	39495	17.844	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	134893	18.911	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20461	19.275	ug/l	77
93) 1,2,4-Trichlorobenzene	13.585	180	99653	23.717	ug/l	98
94) Hexachlorobutadiene	13.725	225	44071	22.461	ug/l	98
95) Naphthalene	13.774	128	306089	21.540	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	96555	22.330	ug/l	97

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

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