

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122923\
 Data File : VX039553.D
 Acq On : 29 Dec 2023 18:11
 Operator : JC/MD
 Sample : VX1229WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1229WBSD02

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/01/2024
 Supervised By :Mahesh Dadoda 01/01/2024

Quant Time: Dec 30 02:05:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	104816	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	197758	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84924	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96998	50.516	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.040%			
35) Dibromofluoromethane	5.385	113	70089	51.302	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.600%			
50) Toluene-d8	8.647	98	258979	51.060	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.120%			
62) 4-Bromofluorobenzene	11.079	95	99419	47.507	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.020%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	27132	18.421	ug/l	97
3) Chloromethane	1.294	50	33331	20.413	ug/l	98
4) Vinyl Chloride	1.374	62	31610	20.815	ug/l	100
5) Bromomethane	1.605	94	19473	22.289	ug/l	99
6) Chloroethane	1.685	64	18515	20.232	ug/l	96
7) Trichlorofluoromethane	1.886	101	42559	19.139	ug/l	100
8) Diethyl Ether	2.136	74	17281	22.454	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	25430	18.741	ug/l	96
10) Methyl Iodide	2.453	142	27382	19.523	ug/l	94
11) Tert butyl alcohol	2.959	59	55337	114.764	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	26499	19.660	ug/l	97
13) Acrolein	2.233	56	43222	112.362	ug/l	99
14) Allyl chloride	2.666	41	55231	20.227	ug/l	95
15) Acrylonitrile	3.062	53	114386	118.517	ug/l	98
16) Acetone	2.380	43	100774	73.701	ug/l	94
17) Carbon Disulfide	2.514	76	64666	16.394	ug/l	99
18) Methyl Acetate	2.703	43	100938	24.304	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	103189	21.168	ug/l	97
20) Methylene Chloride	2.788	84	34047	21.270	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	27817	18.966	ug/l	95
22) Diisopropyl ether	3.757	45	111235	22.379	ug/l	98
23) Vinyl Acetate	3.721	43	394780	106.688	ug/l	97
24) 1,1-Dichloroethane	3.611	63	58656	20.876	ug/l	99
25) 2-Butanone	4.550	43	166115	100.254	ug/l	99
26) 2,2-Dichloropropane	4.483	77	41707	17.003	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	33388	20.624	ug/l	98
28) Bromochloromethane	4.891	49	29991	21.876	ug/l	93
29) Tetrahydrofuran	5.001	42	111213	121.539	ug/l	99
30) Chloroform	5.093	83	58781	20.935	ug/l	96
31) Cyclohexane	5.471	56	46300	18.669	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	46999	19.282	ug/l	98
36) 1,1-Dichloropropene	5.690	75	39767	18.445	ug/l	99
37) Ethyl Acetate	4.715	43	58804	22.077	ug/l	99
38) Carbon Tetrachloride	5.678	117	36039	17.517	ug/l	96
39) Methylcyclohexane	7.379	83	45563	17.594	ug/l	99
40) Benzene	6.037	78	126712	20.777	ug/l	99

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41) Methacrylonitrile	4.922	41	31287	22.016	ug/l	96
42) 1,2-Dichloroethane	6.086	62	49333	19.984	ug/l	100
43) Isopropyl Acetate	6.336	43	90275	20.843	ug/l	99
44) Trichloroethene	7.129	130	28564	18.561	ug/l	99
45) 1,2-Dichloropropane	7.434	63	34948	21.352	ug/l	96
46) Dibromomethane	7.586	93	23223	20.184	ug/l	94
47) Bromodichloromethane	7.824	83	42074	19.126	ug/l	96
48) Methyl methacrylate	7.696	41	54887	21.676	ug/l	97
49) 1,4-Dioxane	7.659	88	19260	564.278	ug/l #	98
51) 4-Methyl-2-Pentanone	8.574	43	320582	116.167	ug/l	98
52) Toluene	8.720	92	74934	20.358	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	43841	18.102	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	49346	18.936	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	32377	21.069	ug/l	94
56) Ethyl methacrylate	9.116	69	39942	21.292	ug/l	95
57) 1,3-Dichloropropane	9.305	76	55071	20.730	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	119646	108.618	ug/l	94
59) 2-Hexanone	9.427	43	256421	107.663	ug/l	100
60) Dibromochloromethane	9.519	129	29195	18.786	ug/l	98
61) 1,2-Dibromoethane	9.610	107	33882	20.654	ug/l	99
64) Tetrachloroethene	9.275	164	21566	18.054	ug/l	91
65) Chlorobenzene	10.079	112	77366	19.390	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	26947	19.120	ug/l	97
67) Ethyl Benzene	10.195	91	145584	19.602	ug/l	98
68) m/p-Xylenes	10.299	106	103169	38.742	ug/l	95
69) o-Xylene	10.640	106	51013	19.813	ug/l	94
70) Styrene	10.659	104	73730	19.588	ug/l	96
71) Bromoform	10.799	173	18328	17.495	ug/l #	98
73) Isopropylbenzene	10.963	105	134840	20.579	ug/l	98
74) N-amyl acetate	10.842	43	74211	22.386	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	56865	23.330	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	47478m	21.609	ug/l	
77) Bromobenzene	11.195	156	30190	20.836	ug/l	92
78) n-propylbenzene	11.305	91	157962	19.567	ug/l	97
79) 2-Chlorotoluene	11.360	91	97095	19.884	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	113838	20.394	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	13521	17.360	ug/l	96
82) 4-Chlorotoluene	11.451	91	111103	19.371	ug/l	98
83) tert-Butylbenzene	11.713	119	106836	20.111	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	114783	20.052	ug/l	100
85) sec-Butylbenzene	11.890	105	133376	19.731	ug/l	98
86) p-Isopropyltoluene	12.006	119	109393	19.283	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	54363	19.098	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	54485	18.383	ug/l	96
89) n-Butylbenzene	12.335	91	99321	17.810	ug/l	97
90) Hexachloroethane	12.536	117	17670	17.243	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	55925	20.533	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	12844	20.006	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	32062	17.978	ug/l	97
94) Hexachlorobutadiene	13.725	225	12366	18.399	ug/l	98
95) Naphthalene	13.774	128	147094	23.683	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	32931	19.127	ug/l	99

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

