

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100724\
 Data File : VX043301.D
 Acq On : 07 Oct 2024 09:55
 Operator : JC/MD
 Sample : VX1007WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1007WBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/08/2024
 Supervised By :Mahesh Dadoda 10/08/2024

Quant Time: Oct 08 01:40:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	111941	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	194551	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	167500	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75784	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	88883	48.619	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.240%		
35) Dibromofluoromethane	5.385	113	63460	47.298	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.600%		
50) Toluene-d8	8.647	98	221201	47.574	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.140%		
62) 4-Bromofluorobenzene	11.079	95	81155	48.044	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.080%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	23909	18.362	ug/l	98
3) Chloromethane	1.294	50	23898	17.821	ug/l	98
4) Vinyl Chloride	1.374	62	24643	18.346	ug/l	97
5) Bromomethane	1.599	94	9514	17.337	ug/l	97
6) Chloroethane	1.666	64	11216	22.422	ug/l	97
7) Trichlorofluoromethane	1.874	101	38964	19.414	ug/l	99
8) Diethyl Ether	2.136	74	14179	18.154	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	23305	18.608	ug/l	98
10) Methyl Iodide	2.447	142	27290	17.348	ug/l	100
11) Tert butyl alcohol	2.989	59	36301	104.346	ug/l	100
12) 1,1-Dichloroethene	2.312	96	21929	17.632	ug/l	98
13) Acrolein	2.239	56	30206	91.928	ug/l	98
14) Allyl chloride	2.660	41	39578	19.370	ug/l	99
15) Acrylonitrile	3.068	53	70076	98.647	ug/l	98
16) Acetone	2.386	43	77497	101.508	ug/l	98
17) Carbon Disulfide	2.508	76	47837	15.813	ug/l	98
18) Methyl Acetate	2.709	43	42364	22.120	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	86343	19.405	ug/l	100
20) Methylene Chloride	2.788	84	26436	18.780	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	22887	18.490	ug/l	97
22) Diisopropyl ether	3.763	45	80766	19.652	ug/l	93
23) Vinyl Acetate	3.721	43	478904	108.088	ug/l	100
24) 1,1-Dichloroethane	3.605	63	45927	19.182	ug/l	100
25) 2-Butanone	4.562	43	105381	100.669	ug/l	100
26) 2,2-Dichloropropane	4.465	77	45266	19.871	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	29285	18.971	ug/l	99
28) Bromochloromethane	4.897	49	18226	19.295	ug/l	99
29) Tetrahydrofuran	5.007	42	64399	96.570	ug/l	99
30) Chloroform	5.092	83	49352	18.770	ug/l	98
31) Cyclohexane	5.464	56	35973	18.236	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	46185	19.124	ug/l	100
36) 1,1-Dichloropropene	5.690	75	31501	18.585	ug/l	99
37) Ethyl Acetate	4.714	43	39077	19.198	ug/l	99
38) Carbon Tetrachloride	5.672	117	38040	18.958	ug/l	100
39) Methylcyclohexane	7.379	83	38616	18.114	ug/l	99
40) Benzene	6.031	78	96246	18.728	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	21320	20.121	ug/l	98
42) 1,2-Dichloroethane	6.086	62	40295	19.242	ug/l	100
43) Isopropyl Acetate	6.342	43	65359	19.440	ug/l	100
44) Trichloroethene	7.123	130	24920	18.282	ug/l	90
45) 1,2-Dichloropropane	7.427	63	24661	19.554	ug/l	97
46) Dibromomethane	7.580	93	19744	19.537	ug/l	97
47) Bromodichloromethane	7.824	83	38312	19.283	ug/l	99
48) Methyl methacrylate	7.696	41	31751	19.247	ug/l	100
49) 1,4-Dioxane	7.665	88	13627	424.957	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	201270	98.568	ug/l	99
52) Toluene	8.714	92	62976	19.553	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	38810	19.657	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	40841	19.287	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	25354	19.808	ug/l	99
56) Ethyl methacrylate	9.116	69	42373	20.248	ug/l	99
57) 1,3-Dichloropropane	9.305	76	43105	19.772	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	85030	90.142	ug/l	99
59) 2-Hexanone	9.433	43	158341	102.543	ug/l	100
60) Dibromochloromethane	9.518	129	28952	19.497	ug/l	99
61) 1,2-Dibromoethane	9.610	107	27006	19.637	ug/l	100
64) Tetrachloroethene	9.269	164	22316	19.201	ug/l	98
65) Chlorobenzene	10.079	112	68229	18.947	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	25034	19.660	ug/l	99
67) Ethyl Benzene	10.189	91	118059	18.967	ug/l	98
68) m/p-Xylenes	10.299	106	89870	38.206	ug/l	99
69) o-Xylene	10.640	106	44153	18.890	ug/l	97
70) Styrene	10.652	104	73228	19.331	ug/l	99
71) Bromoform	10.799	173	18518	18.984	ug/l #	99
73) Isopropylbenzene	10.963	105	116764	19.817	ug/l	99
74) N-amyl acetate	10.841	43	53593	19.161	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	38097	19.848	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	32364m	19.253	ug/l	
77) Bromobenzene	11.195	156	27632	19.271	ug/l	99
78) n-propylbenzene	11.305	91	128035	19.795	ug/l	100
79) 2-Chlorotoluene	11.360	91	80516	19.362	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	95460	19.641	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	12159	18.746	ug/l	94
82) 4-Chlorotoluene	11.451	91	91602	19.337	ug/l	100
83) tert-Butylbenzene	11.713	119	97459	19.463	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	95229	19.473	ug/l	99
85) sec-Butylbenzene	11.890	105	117026	19.715	ug/l	100
86) p-Isopropyltoluene	12.006	119	96777	19.541	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	48246	19.101	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	49057	18.839	ug/l	98
89) n-Butylbenzene	12.329	91	79147	19.089	ug/l	99
90) Hexachloroethane	12.536	117	18362	19.770	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	49172	19.036	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8932	19.060	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	27887	18.727	ug/l	99
94) Hexachlorobutadiene	13.725	225	11840	20.056	ug/l	99
95) Naphthalene	13.774	128	98547	18.001	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	28022	18.238	ug/l	97

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

