

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082224\
 Data File : VX043085.D
 Acq On : 22 Aug 2024 13:01
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/23/2024
 Supervised By :Semsettin Yesilyurt 08/23/2024

Quant Time: Aug 23 04:19:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082224W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 04:08:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	351000	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	648483	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	534868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	222727	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	29032	5.032	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.060%#		
35) Dibromofluoromethane	5.385	113	22208	4.963	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	9.920%#		
50) Toluene-d8	8.647	98	79261	4.912	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	9.820%#		
62) 4-Bromofluorobenzene	11.079	95	25373	4.518	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	9.040%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	15804	5.032	ug/l	96
3) Chloromethane	1.294	50	25262	5.366	ug/l	95
4) Vinyl Chloride	1.374	62	26211	5.259	ug/l	99
5) Bromomethane	1.599	94	16133	5.429	ug/l	93
6) Chloroethane	1.666	64	15678m	6.697	ug/l	
7) Trichlorofluoromethane	1.868	101	50163	5.955	ug/l	98
8) Diethyl Ether	2.136	74	18790	5.158	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.319	101	21480	5.232	ug/l	98
10) Methyl Iodide	2.447	142	22430	5.157	ug/l	94
11) Tert butyl alcohol	2.995	59	27419	22.943	ug/l #	90
12) 1,1-Dichloroethene	2.313	96	22392	5.429	ug/l	84
13) Acrolein	2.239	56	23225	30.638	ug/l	99
14) Allyl chloride	2.654	41	38743	5.294	ug/l #	96
15) Acrylonitrile	3.075	53	71806	25.596	ug/l	98
16) Acetone	2.392	43	61180	24.163	ug/l	92
17) Carbon Disulfide	2.502	76	56591	5.324	ug/l	96
18) Methyl Acetate	2.709	43	39734	4.944	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	77887	5.018	ug/l	94
20) Methylene Chloride	2.788	84	25758	5.252	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	22132	5.221	ug/l	98
22) Diisopropyl ether	3.764	45	81394	5.076	ug/l #	78
23) Vinyl Acetate	3.721	43	469004	26.107	ug/l	99
24) 1,1-Dichloroethane	3.605	63	44157	5.167	ug/l	99
25) 2-Butanone	4.574	43	95317	24.714	ug/l	98
26) 2,2-Dichloropropane	4.471	77	36574	5.055	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	27047	5.100	ug/l	93
28) Bromochloromethane	4.904	49	21372	5.484	ug/l	94
29) Tetrahydrofuran	5.019	42	64640	25.291	ug/l	97
30) Chloroform	5.099	83	42669	4.968	ug/l	84
31) Cyclohexane	5.464	56	39037	5.427	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	36152	4.970	ug/l	96
36) 1,1-Dichloropropene	5.684	75	27672	4.882	ug/l	96
37) Ethyl Acetate	4.733	43	41016	5.097	ug/l	98
38) Carbon Tetrachloride	5.672	117	29525	4.985	ug/l	99
39) Methylcyclohexane	7.373	83	36850	4.928	ug/l	97
40) Benzene	6.038	78	93144	5.049	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	18258	4.686	ug/l	94
42) 1,2-Dichloroethane	6.086	62	33078	5.000	ug/l	96
43) Isopropyl Acetate	6.348	43	61724	4.869	ug/l	99
44) Trichloroethene	7.129	130	20509	4.878	ug/l	98
45) 1,2-Dichloropropane	7.434	63	22818	4.906	ug/l	93
46) Dibromomethane	7.586	93	16407	4.817	ug/l	96
47) Bromodichloromethane	7.824	83	33176	4.933	ug/l	98
48) Methyl methacrylate	7.702	41	26797	4.771	ug/l	88
49) 1,4-Dioxane	7.671	88	11696m	103.314	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	191360	25.120	ug/l	99
52) Toluene	8.720	92	55903	5.003	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	31179	4.565	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	35904	4.785	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	22427	4.963	ug/l	95
56) Ethyl methacrylate	9.122	69	35978	4.617	ug/l	98
57) 1,3-Dichloropropane	9.311	76	40152	5.092	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	92284	24.797	ug/l	96
59) 2-Hexanone	9.433	43	141451	24.156	ug/l	96
60) Dibromochloromethane	9.519	129	23139	4.643	ug/l	100
61) 1,2-Dibromoethane	9.610	107	20894	4.665	ug/l	95
64) Tetrachloroethene	9.275	164	18253	5.194	ug/l	92
65) Chlorobenzene	10.079	112	57318	4.888	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	19657	4.872	ug/l	96
67) Ethyl Benzene	10.195	91	100666	4.993	ug/l	99
68) m/p-Xylenes	10.299	106	77008	10.035	ug/l	95
69) o-Xylene	10.640	106	38180	4.901	ug/l	100
70) Styrene	10.659	104	60529	4.752	ug/l	98
71) Bromoform	10.799	173	15618	4.688	ug/l #	98
73) Isopropylbenzene	10.963	105	95489	5.491	ug/l	99
74) N-amyl acetate	10.842	43	47922	5.190	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	35028	5.421	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	26959m	5.198	ug/l	
77) Bromobenzene	11.195	156	20522	5.214	ug/l	96
78) n-propylbenzene	11.305	91	101340	5.179	ug/l	99
79) 2-Chlorotoluene	11.366	91	64104	5.225	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	72843	5.147	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	10599	4.736	ug/l	91
82) 4-Chlorotoluene	11.457	91	71860	5.244	ug/l	100
83) tert-Butylbenzene	11.713	119	78332	5.317	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	75916	5.354	ug/l	99
85) sec-Butylbenzene	11.890	105	91756	5.150	ug/l	100
86) p-Isopropyltoluene	12.006	119	71865	4.968	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	37022	4.990	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	38102	5.110	ug/l	97
89) n-Butylbenzene	12.329	91	57965	4.546	ug/l	98
90) Hexachloroethane	12.536	117	14967	4.983	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	39563	5.301	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7173	5.104	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	18414	4.538	ug/l	96
94) Hexachlorobutadiene	13.725	225	7770	4.916	ug/l	94
95) Naphthalene	13.774	128	77186	4.864	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	20616	4.840	ug/l	96

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

