

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092324\
 Data File : VX043104.D
 Acq On : 23 Sep 2024 10:19
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/24/2024
 Supervised By :Mahesh Dadoda 09/24/2024

Quant Time: Sep 24 02:50:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 02:22:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	107458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	187535	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	168692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	80313	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	165381	92.654	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 185.300%#			
35) Dibromofluoromethane	5.385	113	123751	93.543	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 187.080%#			
50) Toluene-d8	8.647	98	418620	93.530	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 187.060%#			
62) 4-Bromofluorobenzene	11.079	95	168628	93.555	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 187.100%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	117627	102.646	ug/l	100
3) Chloromethane	1.294	50	113748	97.223	ug/l	97
4) Vinyl Chloride	1.373	62	121769	102.462	ug/l	98
5) Bromomethane	1.599	94	54692	79.994	ug/l	99
6) Chloroethane	1.678	64	67811	89.119	ug/l	99
7) Trichlorofluoromethane	1.886	101	210197	99.644	ug/l	100
8) Diethyl Ether	2.135	74	72070	101.758	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.324	101	120598	101.288	ug/l	99
10) Methyl Iodide	2.453	142	137394	97.088	ug/l	99
11) Tert butyl alcohol	2.971	59	184388	462.670	ug/l	100
12) 1,1-Dichloroethene	2.318	96	114744	100.753	ug/l	100
13) Acrolein	2.239	56	15910	310.400	ug/l	98
14) Allyl chloride	2.666	41	197669	93.473	ug/l	100
15) Acrylonitrile	3.062	53	344082	497.728	ug/l	99
16) Acetone	2.379	43	374709	448.891	ug/l	100
17) Carbon Disulfide	2.507	76	278687	98.446	ug/l	100
18) Methyl Acetate	2.702	43	231570	103.069	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	434290	100.080	ug/l	99
20) Methylene Chloride	2.788	84	128663	96.882	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	116500	98.862	ug/l	95
22) Diisopropyl ether	3.763	45	391132	98.778	ug/l	98
23) Vinyl Acetate	3.721	43	2346943	503.849	ug/l	98
24) 1,1-Dichloroethane	3.611	63	228332	99.734	ug/l	99
25) 2-Butanone	4.556	43	523547	486.550	ug/l	100
26) 2,2-Dichloropropane	4.470	77	234457	101.183	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	147472	100.525	ug/l	99
28) Bromochloromethane	4.897	49	89301	88.611	ug/l	100
29) Tetrahydrofuran	5.001	42	312555	482.991	ug/l	100
30) Chloroform	5.092	83	249652	98.900	ug/l	98
31) Cyclohexane	5.470	56	174267	99.277	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	238038	99.550	ug/l	100
36) 1,1-Dichloropropene	5.690	75	160450	98.703	ug/l	99
37) Ethyl Acetate	4.714	43	193335	94.686	ug/l	100
38) Carbon Tetrachloride	5.678	117	206890	98.801	ug/l	97
39) Methylcyclohexane	7.378	83	200406	98.233	ug/l	98
40) Benzene	6.037	78	472921	98.593	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	107606	106.006	ug/l	99
42) 1,2-Dichloroethane	6.086	62	202911	99.626	ug/l	99
43) Isopropyl Acetate	6.336	43	337998	99.107	ug/l	100
44) Trichloroethene	7.122	130	130151	99.168	ug/l	100
45) 1,2-Dichloropropane	7.427	63	119750	100.229	ug/l	99
46) Dibromomethane	7.580	93	100181	99.579	ug/l	98
47) Bromodichloromethane	7.817	83	211543	101.120	ug/l	99
48) Methyl methacrylate	7.689	41	164468	98.182	ug/l	98
49) 1,4-Dioxane	7.659	88	56797	1796.077	ug/l	96
51) 4-Methyl-2-Pentanone	8.573	43	1020175	486.923	ug/l	99
52) Toluene	8.720	92	306717	99.291	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	219827	102.364	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	219360	102.282	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	126698	99.615	ug/l	98
56) Ethyl methacrylate	9.116	69	224940	101.634	ug/l	99
57) 1,3-Dichloropropane	9.305	76	210249	97.190	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	419841	469.152	ug/l	99
59) 2-Hexanone	9.427	43	785232	479.313	ug/l	100
60) Dibromochloromethane	9.518	129	166441	100.207	ug/l	99
61) 1,2-Dibromoethane	9.610	107	138130	99.255	ug/l	99
64) Tetrachloroethene	9.274	164	111846	91.508	ug/l	96
65) Chlorobenzene	10.079	112	354005	97.279	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.158	131	134304	100.056	ug/l	100
67) Ethyl Benzene	10.195	91	624411	99.193	ug/l	97
68) m/p-Xylenes	10.299	106	461958	197.196	ug/l	99
69) o-Xylene	10.640	106	231238	98.414	ug/l	98
70) Styrene	10.652	104	395835	100.995	ug/l	99
71) Bromoform	10.799	173	118708	100.550	ug/l #	98
73) Isopropylbenzene	10.963	105	608083	100.958	ug/l	100
74) N-amyl acetate	10.841	43	289977	102.465	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	190487	98.283	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	168099m	98.447	ug/l	
77) Bromobenzene	11.195	156	144795	100.139	ug/l	98
78) n-propylbenzene	11.305	91	703044	102.882	ug/l	100
79) 2-Chlorotoluene	11.366	91	420176	98.032	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	505191	101.375	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	75426	105.246	ug/l	98
82) 4-Chlorotoluene	11.451	91	495808	101.206	ug/l	100
83) tert-Butylbenzene	11.713	119	513972	100.090	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	507212	102.305	ug/l	99
85) sec-Butylbenzene	11.890	105	639712	101.361	ug/l	100
86) p-Isopropyltoluene	12.006	119	539060	102.880	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	263728	100.031	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	263737	99.757	ug/l	97
89) n-Butylbenzene	12.329	91	489740	107.248	ug/l	99
90) Hexachloroethane	12.536	117	111117	106.412	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	254973	98.201	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	52917	100.984	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	171259	106.390	ug/l	99
94) Hexachlorobutadiene	13.725	225	67997	100.538	ug/l	99
95) Naphthalene	13.774	128	588958	105.262	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	166611	104.175	ug/l	99

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

