

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092324\
 Data File : VX043100.D
 Acq On : 23 Sep 2024 08:47
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

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

Quant Time: Sep 24 02:45:55 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	128550	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	218287	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	192789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	92295	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	74 - 125	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	86 - 113	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	77 - 121	Recovery	=	0.000%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	1310	0.956	ug/l	92
3) Chloromethane	1.301	50	1491	1.065	ug/l	99
4) Vinyl Chloride	1.374	62	1311	0.922	ug/l	97
6) Chloroethane	1.697	64	1063	1.168	ug/l	95
7) Trichlorofluoromethane	1.892	101	2603	1.031	ug/l	96
8) Diethyl Ether	2.142	74	813	0.960	ug/l #	9
9) 1,1,2-Trichlorotrifluo...	2.325	101	1485	1.043	ug/l	94
12) 1,1-Dichloroethene	2.325	96	1336	0.981	ug/l	92
14) Allyl chloride	2.666	41	3135	1.239	ug/l #	92
15) Acrylonitrile	3.069	53	4255	5.145	ug/l	97
16) Acetone	2.380	43	5782	5.790	ug/l	93
17) Carbon Disulfide	2.514	76	3630	1.072	ug/l #	92
18) Methyl Acetate	2.709	43	2544	0.947	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	5179	0.998	ug/l	95
20) Methylene Chloride	2.788	84	1769	1.113	ug/l	90
21) trans-1,2-Dichloroethene	3.099	96	1468	1.041	ug/l	89
22) Diisopropyl ether	3.757	45	4983	1.052	ug/l #	1
23) Vinyl Acetate	3.733	43	27639	4.960	ug/l	100
24) 1,1-Dichloroethane	3.611	63	2794	1.020	ug/l #	91
25) 2-Butanone	4.580	43	6635	5.154	ug/l	95
26) 2,2-Dichloropropane	4.483	77	2850	1.028	ug/l	96
27) cis-1,2-Dichloroethene	4.501	96	1770	1.009	ug/l	99
28) Bromochloromethane	4.904	49	1342	1.113	ug/l #	87
29) Tetrahydrofuran	5.019	42	4249	5.489	ug/l	95
30) Chloroform	5.099	83	3177	1.052	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	2941	1.028	ug/l #	50
36) 1,1-Dichloropropene	5.696	75	2011	1.063	ug/l	97
37) Ethyl Acetate	4.739	43	2793m	1.175	ug/l	
38) Carbon Tetrachloride	5.678	117	2689	1.103	ug/l	97
39) Methylcyclohexane	7.373	83	2624	1.105	ug/l #	88
40) Benzene	6.050	78	5793	1.038	ug/l	93
41) Methacrylonitrile	4.946	41	1482m	1.254	ug/l	
42) 1,2-Dichloroethane	6.099	62	2449	1.033	ug/l	94
43) Isopropyl Acetate	6.348	43	4181	1.053	ug/l #	91
44) Trichloroethene	7.129	130	1577	1.032	ug/l	83
45) 1,2-Dichloropropane	7.434	63	1419	1.020	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.598	93	1201	1.026	ug/l	95
47) Bromodichloromethane	7.818	83	2441	1.002	ug/l	96
48) Methyl methacrylate	7.702	41	2168	1.112	ug/l #	80
49) 1,4-Dioxane	7.671	88	771	20.946	ug/l #	79
51) 4-Methyl-2-Pentanone	8.574	43	12780	5.240	ug/l	94
52) Toluene	8.720	92	3639	1.012	ug/l	89
53) t-1,3-Dichloropropene	8.988	75	2462	0.985	ug/l	98
54) cis-1,3-Dichloropropene	8.373	75	2380	0.953	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	1437	0.971	ug/l	89
56) Ethyl methacrylate	9.122	69	2548	0.989	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	2676	1.063	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.251	63	5063	4.861	ug/l	100
59) 2-Hexanone	9.433	43	9614	5.042	ug/l	100
60) Dibromochloromethane	9.519	129	1967	1.017	ug/l	92
61) 1,2-Dibromoethane	9.610	107	1627	1.004	ug/l	96
64) Tetrachloroethene	9.275	164	1576	1.128	ug/l	92
65) Chlorobenzene	10.080	112	4585	1.102	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	1582	1.031	ug/l #	65
67) Ethyl Benzene	10.195	91	7423	1.032	ug/l	97
68) m/p-Xylenes	10.299	106	5370	2.006	ug/l	94
69) o-Xylene	10.646	106	2729	1.016	ug/l	94
70) Styrene	10.659	104	4424	0.988	ug/l	99
71) Bromoform	10.799	173	1371	1.016	ug/l #	97
73) Isopropylbenzene	10.964	105	7455	1.077	ug/l	99
74) N-amyl acetate	10.848	43	3347	1.029	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	2437	1.094	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	2006m	1.022	ug/l	
77) Bromobenzene	11.201	156	1755	1.056	ug/l	92
78) n-propylbenzene	11.305	91	8165	1.040	ug/l	97
79) 2-Chlorotoluene	11.366	91	5743	1.166	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	5898	1.030	ug/l	98
82) 4-Chlorotoluene	11.457	91	5865	1.042	ug/l	97
83) tert-Butylbenzene	11.713	119	6426	1.089	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	5777	1.014	ug/l	96
85) sec-Butylbenzene	11.890	105	7682	1.059	ug/l	99
86) p-Isopropyltoluene	12.006	119	6184	1.027	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	3246	1.071	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	3316m	1.091	ug/l	
89) n-Butylbenzene	12.335	91	4883	0.931	ug/l	98
90) Hexachloroethane	12.536	117	1175	0.979	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	3116	1.044	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	638	1.059	ug/l	88
93) 1,2,4-Trichlorobenzene	13.597	180	1833	0.991	ug/l	91
94) Hexachlorobutadiene	13.719	225	821	1.056	ug/l	99
95) Naphthalene	13.780	128	6320	0.983	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	1813	0.986	ug/l	92

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

