

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091523\
 Data File : VX037743.D
 Acq On : 15 Sep 2023 08:36
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: Sep 16 04:26:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:24:04 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 09/18/2023
 Supervised By :Mahesh Dadoda 09/18/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	293371	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	484459	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	440626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	207757	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	78 - 117	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	92 - 112	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	3378	1.092	ug/l	97
3) Chloromethane	1.301	50	4052	1.204	ug/l	99
4) Vinyl Chloride	1.374	62	4291	1.182	ug/l	94
6) Chloroethane	1.685	64	2770	1.108	ug/l	89
7) Trichlorofluoromethane	1.886	101	6784	1.163	ug/l	87
8) Diethyl Ether	2.130	74	2538	1.123	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	3264	1.102	ug/l	98
12) 1,1-Dichloroethene	2.319	96	3081	1.076	ug/l	81
14) Allyl chloride	2.666	41	5495	1.153	ug/l	92
15) Acrylonitrile	3.069	53	9530	5.181	ug/l	99
16) Acetone	2.380	43	11354	6.123	ug/l #	87
17) Carbon Disulfide	2.508	76	7973	1.111	ug/l	98
18) Methyl Acetate	2.703	43	7416	1.109	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	11086	1.053	ug/l	94
20) Methylene Chloride	2.788	84	5000	1.434	ug/l #	86
21) trans-1,2-Dichloroethene	3.087	96	3259	1.025	ug/l	97
22) Diisopropyl ether	3.764	45	10138	1.021	ug/l #	88
23) Vinyl Acetate	3.727	43	35739	4.893	ug/l #	92
24) 1,1-Dichloroethane	3.605	63	6671	1.121	ug/l	95
25) 2-Butanone	4.568	43	14417	5.511	ug/l	93
26) 2,2-Dichloropropane	4.483	77	5112	1.063	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	4098	1.052	ug/l	97
28) Bromochloromethane	4.904	49	3294	1.187	ug/l #	84
29) Tetrahydrofuran	5.019	42	8606	5.288	ug/l	95
30) Chloroform	5.093	83	6818	1.064	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	5596	1.031	ug/l #	48
36) 1,1-Dichloropropene	5.696	75	4985	1.116	ug/l	99
37) Ethyl Acetate	4.721	43	5070m	1.058	ug/l	
38) Carbon Tetrachloride	5.684	117	4772	1.021	ug/l	84
39) Methylcyclohexane	7.379	83	6090	1.075	ug/l	94
40) Benzene	6.038	78	14619	1.065	ug/l #	88
41) Methacrylonitrile	4.940	41	2522	1.008	ug/l #	89
42) 1,2-Dichloroethane	6.092	62	5258	1.056	ug/l	90
43) Isopropyl Acetate	6.342	43	7812	0.995	ug/l	98
44) Trichloroethene	7.129	130	4741	1.240	ug/l	83
45) 1,2-Dichloropropane	7.428	63	3771	1.057	ug/l	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.586	93	2460	0.959	ug/l #	86
47) Bromodichloromethane	7.830	83	4578	0.969	ug/l	93
48) Methyl methacrylate	7.696	41	3786	1.009	ug/l #	88
49) 1,4-Dioxane	7.665	88	2155	21.906	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	25509	5.122	ug/l	96
52) Toluene	8.720	92	8900	1.006	ug/l	92
53) t-1,3-Dichloropropene	8.982	75	4022	0.818	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	4961	0.907	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	3777	1.012	ug/l	95
56) Ethyl methacrylate	9.116	69	5028	0.903	ug/l	97
57) 1,3-Dichloropropane	9.311	76	6156	1.020	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	12458	4.790	ug/l	100
59) 2-Hexanone	9.433	43	19177	4.946	ug/l	97
60) Dibromochloromethane	9.519	129	3205	0.862	ug/l	99
61) 1,2-Dibromoethane	9.610	107	3613	0.915	ug/l	95
64) Tetrachloroethene	9.275	164	3373	1.122	ug/l	88
65) Chlorobenzene	10.079	112	10896	1.146	ug/l	89
66) 1,1,1,2-Tetrachloroethane	10.165	131	3230	0.959	ug/l #	66
67) Ethyl Benzene	10.195	91	17279	1.049	ug/l	96
68) m/p-Xylenes	10.299	106	12687	1.992	ug/l	98
69) o-Xylene	10.646	106	6635	1.039	ug/l	97
70) Styrene	10.659	104	9665	0.943	ug/l	97
71) Bromoform	10.799	173	2206	0.830	ug/l #	97
73) Isopropylbenzene	10.963	105	16459	1.080	ug/l	98
74) N-amyl acetate	10.842	43	6030	0.977	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	5865	1.094	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	5271m	1.037	ug/l	
77) Bromobenzene	11.195	156	4208	1.115	ug/l	87
78) n-propylbenzene	11.305	91	17526	1.018	ug/l	99
79) 2-Chlorotoluene	11.366	91	11664	1.099	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	13017	1.011	ug/l	99
82) 4-Chlorotoluene	11.457	91	12297	1.029	ug/l	95
83) tert-Butylbenzene	11.713	119	14011	1.077	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	12744	0.995	ug/l	98
85) sec-Butylbenzene	11.890	105	16143	1.023	ug/l	100
86) p-Isopropyltoluene	12.006	119	13231	1.008	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	7685	1.093	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	8293m	1.156	ug/l	
89) n-Butylbenzene	12.335	91	10997	0.955	ug/l	94
90) Hexachloroethane	12.536	117	2085	0.936	ug/l	76
91) 1,2-Dichlorobenzene	12.335	146	8031	1.119	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.945	75	981	0.918	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	3916	0.926	ug/l	91
94) Hexachlorobutadiene	13.725	225	2070	1.049	ug/l	98
95) Naphthalene	13.774	128	13317	0.931	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	4175	0.959	ug/l	96

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

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