

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
 Data File : VX043479.D
 Acq On : 23 Oct 2024 08:36
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: Oct 24 04:26:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 04:25:37 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/24/2024
 Supervised By :Semsettin Yesilyurt 10/24/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	79311	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.757	114	151132	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	130581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57546	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	1.173	85	829	0.925	ug/l	86
3) Chloromethane	1.295	50	1176	0.997	ug/l #	83
4) Vinyl Chloride	1.380	62	914	0.874	ug/l #	84
6) Chloroethane	1.673	64	627	1.573	ug/l #	61
7) Trichlorofluoromethane	1.862	101	1350	0.927	ug/l	90
8) Diethyl Ether	2.136	74	633	1.026	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.319	101	671	0.774	ug/l #	87
12) 1,1-Dichloroethene	2.313	96	715	0.827	ug/l	97
14) Allyl chloride	2.660	41	1631	0.975	ug/l #	87
15) Acrylonitrile	3.087	53	2101	4.482	ug/l	93
16) Acetone	2.398	43	2938	5.798	ug/l	98
17) Carbon Disulfide	2.496	76	1434	0.776	ug/l	96
18) Methyl Acetate	2.709	43	1994	1.420	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	2984	0.936	ug/l	95
20) Methylene Chloride	2.788	84	1435	1.271	ug/l #	86
21) trans-1,2-Dichloroethene	3.093	96	875	0.872	ug/l #	54
22) Diisopropyl ether	3.764	45	2834	0.837	ug/l #	42
23) Vinyl Acetate	3.739	43	10109m	4.235	ug/l	
24) 1,1-Dichloroethane	3.611	63	1903	0.961	ug/l #	83
25) 2-Butanone	4.623	43	3206m	5.101	ug/l	
26) 2,2-Dichloropropane	4.471	77	1530	0.925	ug/l #	73
27) cis-1,2-Dichloroethene	4.501	96	1033	0.817	ug/l	87
28) Bromochloromethane	4.898	49	1195	1.397	ug/l #	60
29) Tetrahydrofuran	5.044	42	2285m	5.241	ug/l	
30) Chloroform	5.093	83	1782	0.820	ug/l #	77
32) 1,1,1-Trichloroethane	5.373	97	1475m	0.851	ug/l	
36) 1,1-Dichloropropene	5.702	75	1169m	0.950	ug/l	
37) Ethyl Acetate	4.739	43	1513m	1.097	ug/l	
38) Carbon Tetrachloride	5.654	117	1282m	0.953	ug/l	
39) Methylcyclohexane	7.379	83	1356	0.923	ug/l	86
40) Benzene	6.044	78	3668	0.865	ug/l #	86
41) Methacrylonitrile	4.971	41	695m	1.148	ug/l	
42) 1,2-Dichloroethane	6.099	62	1298	0.856	ug/l #	77
43) Isopropyl Acetate	6.355	43	1972m	0.910	ug/l	
44) Trichloroethene	7.123	130	886	0.847	ug/l	65
45) 1,2-Dichloropropane	7.422	63	930	0.953	ug/l #	81

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.586	93	663	0.950	ug/l	88
47) Bromodichloromethane	7.818	83	1179	0.838	ug/l #	75
48) Methyl methacrylate	7.714	41	1092m	1.167	ug/l	
49) 1,4-Dioxane	7.708	88	227	12.702	ug/l #	71
51) 4-Methyl-2-Pentanone	8.586	43	5310	4.094	ug/l	95
52) Toluene	8.714	92	2398	0.941	ug/l	93
53) t-1,3-Dichloropropene	9.000	75	993	0.751	ug/l #	79
54) cis-1,3-Dichloropropene	8.385	75	1319	0.888	ug/l #	91
55) 1,1,2-Trichloroethane	9.159	97	855	0.936	ug/l #	74
56) Ethyl methacrylate	9.135	69	1178m	0.873	ug/l	
57) 1,3-Dichloropropane	9.311	76	1396	0.879	ug/l #	87
58) 2-Chloroethyl Vinyl ether	8.257	63	2314	3.859	ug/l	92
59) 2-Hexanone	9.446	43	4153	4.486	ug/l	84
60) Dibromochloromethane	9.525	129	767	0.857	ug/l	97
61) 1,2-Dibromoethane	9.622	107	725	0.786	ug/l	91
64) Tetrachloroethene	9.275	164	953	1.052	ug/l #	88
65) Chlorobenzene	10.080	112	2551	0.885	ug/l #	80
66) 1,1,1,2-Tetrachloroethane	10.165	131	725	0.796	ug/l #	57
67) Ethyl Benzene	10.195	91	3800	0.818	ug/l	98
68) m/p-Xylenes	10.305	106	3093	1.742	ug/l	98
69) o-Xylene	10.640	106	1540	0.859	ug/l	98
70) Styrene	10.665	104	2205	0.762	ug/l	92
71) Bromoform	10.805	173	328	0.631	ug/l #	78
73) Isopropylbenzene	10.964	105	3685	0.890	ug/l	99
74) N-amyl acetate	10.860	43	1481m	0.954	ug/l	
75) 1,1,2,2-Tetrachloroethane	11.214	83	1261	0.986	ug/l #	84
76) 1,2,3-Trichloropropane	11.244	75	1135m	0.967	ug/l	
77) Bromobenzene	11.201	156	919	0.866	ug/l	88
78) n-propylbenzene	11.311	91	3551	0.756	ug/l	98
79) 2-Chlorotoluene	11.366	91	3147	0.976	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	3280	0.904	ug/l	97
82) 4-Chlorotoluene	11.463	91	3073	0.822	ug/l	92
83) tert-Butylbenzene	11.720	119	2899	0.843	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	3101	0.834	ug/l	97
85) sec-Butylbenzene	11.890	105	3270	0.796	ug/l	97
86) p-Isopropyltoluene	12.012	119	2550	0.737	ug/l	89
87) 1,3-Dichlorobenzene	11.976	146	1565	0.783	ug/l	92
88) 1,4-Dichlorobenzene	12.037	146	2016m	0.955	ug/l	
89) n-Butylbenzene	12.341	91	2349	0.817	ug/l	92
90) Hexachloroethane	12.543	117	413	0.750	ug/l	81
91) 1,2-Dichlorobenzene	12.341	146	1702	0.851	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	12.945	75	115m	0.501	ug/l	
93) 1,2,4-Trichlorobenzene	13.597	180	1025	0.905	ug/l	90
94) Hexachlorobutadiene	13.731	225	399	0.930	ug/l	96
95) Naphthalene	13.786	128	2616m	0.743	ug/l	
96) 1,2,3-Trichlorobenzene	13.963	180	963	0.858	ug/l	98

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

