

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102624\
 Data File : VX043535.D
 Acq On : 25 Oct 2024 22:39
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: Oct 26 04:21:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102624W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 26 04:20:35 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2024
 Supervised By :Mahesh Dadoda 10/28/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	135185	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	256087	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93539	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	1621	1.076	ug/l	91
3) Chloromethane	1.294	50	2402	1.249	ug/l	98
4) Vinyl Chloride	1.374	62	1798	1.027	ug/l #	59
6) Chloroethane	1.660	64	671	1.171	ug/l #	64
7) Trichlorofluoromethane	1.861	101	2339	1.018	ug/l	100
8) Diethyl Ether	2.142	74	1028	1.024	ug/l	68
9) 1,1,2-Trichlorotrifluo...	2.313	101	1503	1.036	ug/l	99
12) 1,1-Dichloroethene	2.307	96	1330	0.933	ug/l	89
14) Allyl chloride	2.654	41	2620	1.035	ug/l #	89
15) Acrylonitrile	3.081	53	4874	4.804	ug/l	97
16) Acetone	2.392	43	5061	5.529	ug/l	100
17) Carbon Disulfide	2.495	76	2909	0.985	ug/l	100
18) Methyl Acetate	2.709	43	2927	1.064	ug/l	96
19) Methyl tert-butyl Ether	3.123	73	5441	0.980	ug/l	94
20) Methylene Chloride	2.788	84	1882	1.052	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	1632	1.057	ug/l	85
22) Diisopropyl ether	3.770	45	5000	0.957	ug/l #	65
23) Vinyl Acetate	3.733	43	17493	4.054	ug/l	96
24) 1,1-Dichloroethane	3.605	63	2855	0.969	ug/l #	92
25) 2-Butanone	4.605	43	6721	4.834	ug/l	98
26) 2,2-Dichloropropane	4.465	77	2247	1.058	ug/l	87
27) cis-1,2-Dichloroethene	4.501	96	1814	0.943	ug/l	65
28) Bromochloromethane	4.898	49	1547	1.061	ug/l #	53
29) Tetrahydrofuran	5.026	42	4470	4.924	ug/l #	82
30) Chloroform	5.093	83	3241	1.029	ug/l	90
32) 1,1,1-Trichloroethane	5.373	97	2507	0.947	ug/l #	49
36) 1,1-Dichloropropene	5.690	75	1939	0.961	ug/l #	76
37) Ethyl Acetate	4.745	43	2677m	0.972	ug/l	
38) Carbon Tetrachloride	5.672	117	2364	1.031	ug/l #	72
39) Methylcyclohexane	7.379	83	2599	1.004	ug/l	96
40) Benzene	6.038	78	6362	0.943	ug/l	92
41) Methacrylonitrile	4.934	41	1064m	0.768	ug/l	
42) 1,2-Dichloroethane	6.098	62	2236	0.901	ug/l #	74
43) Isopropyl Acetate	6.355	43	4057	0.931	ug/l #	78
44) Trichloroethene	7.123	130	1386	0.867	ug/l	79
45) 1,2-Dichloropropane	7.434	63	1524	0.925	ug/l #	83

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.592	93	1138	0.899	ug/l	94
47) Bromodichloromethane	7.818	83	1824	0.812	ug/l #	65
48) Methyl methacrylate	7.720	41	1667	0.820	ug/l	85
49) 1,4-Dioxane	7.696	88	993	19.001	ug/l	91
51) 4-Methyl-2-Pentanone	8.580	43	11906	4.313	ug/l	98
52) Toluene	8.720	92	4135	0.994	ug/l	95
53) t-1,3-Dichloropropene	8.988	75	1751	0.771	ug/l	89
54) cis-1,3-Dichloropropene	8.366	75	1958	0.785	ug/l #	84
55) 1,1,2-Trichloroethane	9.159	97	1722	0.981	ug/l #	79
56) Ethyl methacrylate	9.128	69	2332	0.822	ug/l	90
57) 1,3-Dichloropropane	9.311	76	2617	0.903	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.251	63	5748	4.119	ug/l	92
59) 2-Hexanone	9.439	43	8683	4.160	ug/l	95
60) Dibromochloromethane	9.519	129	1176	0.716	ug/l	95
61) 1,2-Dibromoethane	9.616	107	1507	0.852	ug/l	98
64) Tetrachloroethene	9.275	164	1418	1.041	ug/l	93
65) Chlorobenzene	10.079	112	4532	1.002	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.171	131	1401	0.917	ug/l #	65
67) Ethyl Benzene	10.195	91	7368	0.979	ug/l	96
68) m/p-Xylenes	10.305	106	5413	1.898	ug/l	99
69) o-Xylene	10.640	106	2977	1.015	ug/l	97
70) Styrene	10.659	104	4127	0.870	ug/l	92
71) Bromoform	10.805	173	753	4.311	ug/l #	84
73) Isopropylbenzene	10.963	105	6505	0.973	ug/l	98
74) N-amyl acetate	10.848	43	2864	0.850	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	2607	1.018	ug/l	94
76) 1,2,3-Trichloropropane	11.244	75	2200m	1.012	ug/l	
77) Bromobenzene	11.207	156	1739	1.019	ug/l	93
78) n-propylbenzene	11.305	91	6309	0.885	ug/l	97
79) 2-Chlorotoluene	11.366	91	4967	1.039	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	5419	0.976	ug/l	98
82) 4-Chlorotoluene	11.457	91	4993	0.944	ug/l	95
83) tert-Butylbenzene	11.713	119	5286	0.934	ug/l	91
84) 1,2,4-Trimethylbenzene	11.756	105	5561	0.979	ug/l	99
85) sec-Butylbenzene	11.890	105	5985	0.913	ug/l	99
86) p-Isopropyltoluene	12.012	119	4776	0.879	ug/l	90
87) 1,3-Dichlorobenzene	11.976	146	3340	1.091	ug/l	89
88) 1,4-Dichlorobenzene	12.043	146	3341m	1.082	ug/l	
89) n-Butylbenzene	12.335	91	3587	0.815	ug/l	97
90) Hexachloroethane	12.536	117	723	0.823	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	3268	1.035	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	508	0.932	ug/l	81
93) 1,2,4-Trichlorobenzene	13.591	180	1802	0.974	ug/l	89
94) Hexachlorobutadiene	13.725	225	623	0.952	ug/l	97
95) Naphthalene	13.774	128	6533	0.861	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	1784	0.922	ug/l	87

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

Manual Integrations

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