

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102824\
 Data File : VX043556.D
 Acq On : 28 Oct 2024 10:59
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/29/2024
 Supervised By :Mahesh Dadoda 10/29/2024

Quant Time: Oct 28 13:30:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 28 13:29:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	161665	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	295688	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	253619	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	113521	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	1906	1.058	ug/l	96
3) Chloromethane	1.294	50	2572	1.119	ug/l	94
4) Vinyl Chloride	1.374	62	2023	0.966	ug/l #	85
6) Chloroethane	1.666	64	850	1.240	ug/l	90
7) Trichlorofluoromethane	1.861	101	2660	0.968	ug/l	95
8) Diethyl Ether	2.136	74	1086	0.905	ug/l	62
9) 1,1,2-Trichlorotrifluo...	2.313	101	1687	0.972	ug/l	97
12) 1,1-Dichloroethene	2.300	96	1723	1.010	ug/l #	80
14) Allyl chloride	2.654	41	2945	0.973	ug/l	98
15) Acrylonitrile	3.081	53	4889	4.029	ug/l	96
16) Acetone	2.392	43	5896	5.386	ug/l	98
17) Carbon Disulfide	2.495	76	3450	0.977	ug/l	95
18) Methyl Acetate	2.709	43	3137	0.954	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	6442	0.971	ug/l	99
20) Methylene Chloride	2.788	84	2497	1.167	ug/l	84
21) trans-1,2-Dichloroethene	3.087	96	1808	0.979	ug/l	88
22) Diisopropyl ether	3.776	45	5818	0.931	ug/l	97
23) Vinyl Acetate	3.727	43	21436	4.154	ug/l	98
24) 1,1-Dichloroethane	3.599	63	3565	1.012	ug/l #	91
25) 2-Butanone	4.593	43	6900	4.150	ug/l	100
26) 2,2-Dichloropropane	4.465	77	3002	1.182	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	2288	0.994	ug/l	95
28) Bromochloromethane	4.897	49	1656	0.950	ug/l #	68
29) Tetrahydrofuran	5.032	42	4543	4.185	ug/l #	84
30) Chloroform	5.093	83	3785	1.005	ug/l #	81
32) 1,1,1-Trichloroethane	5.373	97	3037	0.959	ug/l #	48
36) 1,1-Dichloropropene	5.702	75	2670	1.146	ug/l	91
37) Ethyl Acetate	4.757	43	3086m	0.970	ug/l	
38) Carbon Tetrachloride	5.660	117	2731	1.031	ug/l	98
39) Methylcyclohexane	7.379	83	2811	0.941	ug/l #	87
40) Benzene	6.050	78	7896	1.014	ug/l	97
41) Methacrylonitrile	4.995	41	1539m	0.962	ug/l	
42) 1,2-Dichloroethane	6.098	62	2692	0.939	ug/l	95
43) Isopropyl Acetate	6.367	43	4398	0.874	ug/l	96
44) Trichloroethene	7.135	130	1898	1.028	ug/l	70
45) 1,2-Dichloropropane	7.428	63	1935	1.017	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.592	93	1360	0.931	ug/l	88
47) Bromodichloromethane	7.824	83	2234	0.862	ug/l #	95
48) Methyl methacrylate	7.708	41	1889	0.804	ug/l #	84
49) 1,4-Dioxane	7.696	88	959	15.892	ug/l #	91
51) 4-Methyl-2-Pentanone	8.580	43	12287	3.855	ug/l	97
52) Toluene	8.720	92	4396	0.915	ug/l	96
53) t-1,3-Dichloropropene	8.988	75	2487	0.948	ug/l	90
54) cis-1,3-Dichloropropene	8.366	75	2324	0.807	ug/l #	87
55) 1,1,2-Trichloroethane	9.159	97	1879	0.927	ug/l #	85
56) Ethyl methacrylate	9.128	69	2799	0.855	ug/l	92
57) 1,3-Dichloropropane	9.311	76	2929	0.875	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.251	63	6868	4.263	ug/l	93
59) 2-Hexanone	9.445	43	9840	4.082	ug/l	93
60) Dibromochloromethane	9.519	129	1531	0.807	ug/l	92
61) 1,2-Dibromoethane	9.616	107	1856	0.908	ug/l	98
64) Tetrachloroethene	9.275	164	1707	1.075	ug/l #	82
65) Chlorobenzene	10.079	112	5570	1.056	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	1525	0.856	ug/l #	60
67) Ethyl Benzene	10.195	91	8911	1.015	ug/l	95
68) m/p-Xylenes	10.305	106	6344	1.908	ug/l	96
69) o-Xylene	10.640	106	3125	0.914	ug/l	91
70) Styrene	10.659	104	5108	0.923	ug/l	95
71) Bromoform	10.805	173	1032	0.859	ug/l #	94
73) Isopropylbenzene	10.963	105	7996	0.985	ug/l	100
74) N-amyl acetate	10.848	43	3739	0.915	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	2747	0.884	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	2108m	0.799	ug/l	
77) Bromobenzene	11.201	156	2093	1.010	ug/l	98
78) n-propylbenzene	11.305	91	8350	0.966	ug/l	98
79) 2-Chlorotoluene	11.366	91	6183	1.066	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	6268	0.930	ug/l	98
82) 4-Chlorotoluene	11.457	91	6699	1.043	ug/l	95
83) tert-Butylbenzene	11.713	119	6551	0.953	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	6312	0.916	ug/l	95
85) sec-Butylbenzene	11.890	105	7481	0.940	ug/l	99
86) p-Isopropyltoluene	12.012	119	6224	0.944	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	3734	1.005	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	4352m	1.162	ug/l	
89) n-Butylbenzene	12.335	91	4807	0.899	ug/l	93
90) Hexachloroethane	12.530	117	926	0.868	ug/l	82
91) 1,2-Dichlorobenzene	12.335	146	3719	0.970	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	519	0.785	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	1965	0.876	ug/l	96
94) Hexachlorobutadiene	13.725	225	889	1.119	ug/l	86
95) Naphthalene	13.780	128	7377	0.801	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	2215	0.943	ug/l	96

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

Reviewed By :Semsettin Yesilyurt 10/29/2024
Supervised By :Mahesh Dadoda 10/29/2024

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