

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102624\
 Data File : VX043544.D
 Acq On : 26 Oct 2024 02:53
 Operator : JC/MD
 Sample : VX1026WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBS01

Quant Time: Oct 26 05:58:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102624W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 26 04:43:47 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	99909	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	193250	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	172886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	88147	55.618	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.240%			
35) Dibromofluoromethane	5.379	113	65545	50.937	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.880%			
50) Toluene-d8	8.647	98	228947	51.312	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.620%			
62) 4-Bromofluorobenzene	11.079	95	84965	52.136	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.280%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	19240	17.276	ug/l	100
3) Chloromethane	1.294	50	25189	17.729	ug/l	100
4) Vinyl Chloride	1.374	62	23979	18.528	ug/l	97
5) Bromomethane	1.593	94	9649	19.089	ug/l	98
6) Chloroethane	1.666	64	7853	18.545	ug/l	100
7) Trichlorofluoromethane	1.861	101	30963	18.230	ug/l	96
8) Diethyl Ether	2.136	74	13996	18.865	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.313	101	19345	18.044	ug/l	99
10) Methyl Iodide	2.441	142	28105	18.931	ug/l	98
11) Tert butyl alcohol	3.014	59	34264	101.224	ug/l #	100
12) 1,1-Dichloroethene	2.306	96	19263	18.275	ug/l	97
13) Acrolein	2.239	56	25592	95.945	ug/l	96
14) Allyl chloride	2.654	41	35073	18.752	ug/l	98
15) Acrylonitrile	3.069	53	75768	101.045	ug/l	99
16) Acetone	2.392	43	68884	101.824	ug/l	98
17) Carbon Disulfide	2.502	76	37178	17.040	ug/l	97
18) Methyl Acetate	2.709	43	40877	20.105	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	84223	20.536	ug/l	97
20) Methylene Chloride	2.782	84	25873	19.570	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	21173	18.554	ug/l	92
22) Diisopropyl ether	3.770	45	78891	20.436	ug/l	99
23) Vinyl Acetate	3.721	43	330931	103.767	ug/l	99
24) 1,1-Dichloroethane	3.605	63	42545	19.538	ug/l	98
25) 2-Butanone	4.574	43	104594	101.797	ug/l	99
26) 2,2-Dichloropropane	4.471	77	25731	16.395	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	28423	19.991	ug/l	97
28) Bromochloromethane	4.891	49	32760	30.411	ug/l	100
29) Tetrahydrofuran	5.013	42	68015	101.380	ug/l	99
30) Chloroform	5.093	83	45058	19.350	ug/l	99
31) Cyclohexane	5.458	56	31134	18.021	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	36921	18.867	ug/l	99
36) 1,1-Dichloropropene	5.690	75	26828	17.616	ug/l	99
37) Ethyl Acetate	4.721	43	40787	19.623	ug/l	100
38) Carbon Tetrachloride	5.672	117	30131	17.411	ug/l	97
39) Methylcyclohexane	7.373	83	31543	16.150	ug/l	94
40) Benzene	6.037	78	94230	18.509	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	21044	20.128	ug/l	98
42) 1,2-Dichloroethane	6.080	62	37589	20.072	ug/l	100
43) Isopropyl Acetate	6.348	43	62142	18.900	ug/l	99
44) Trichloroethene	7.129	130	21638	17.927	ug/l	91
45) 1,2-Dichloropropane	7.427	63	23235	18.689	ug/l	94
46) Dibromomethane	7.580	93	18703	19.583	ug/l	99
47) Bromodichloromethane	7.824	83	32412	19.130	ug/l	96
48) Methyl methacrylate	7.696	41	30062	19.584	ug/l	98
49) 1,4-Dioxane	7.677	88	15093	382.701	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	202331	97.119	ug/l	98
52) Toluene	8.714	92	57849	18.431	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	31957	18.638	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	34414	18.277	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	25769	19.455	ug/l	95
56) Ethyl methacrylate	9.122	69	41672	19.468	ug/l	97
57) 1,3-Dichloropropane	9.305	76	43541	19.909	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	112787	107.114	ug/l	98
59) 2-Hexanone	9.433	43	150919	95.804	ug/l	99
60) Dibromochloromethane	9.519	129	21861	17.639	ug/l	96
61) 1,2-Dibromoethane	9.610	107	26280	19.682	ug/l	98
64) Tetrachloroethene	9.275	164	19355	17.884	ug/l	90
65) Chlorobenzene	10.079	112	66332	18.443	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	21606	17.786	ug/l	98
67) Ethyl Benzene	10.195	91	104790	17.515	ug/l	96
68) m/p-Xylenes	10.299	106	80848	35.667	ug/l	98
69) o-Xylene	10.640	106	41191	17.678	ug/l	100
70) Styrene	10.659	104	68029	18.039	ug/l	98
71) Bromoform	10.799	173	13959	16.938	ug/l #	100
73) Isopropylbenzene	10.963	105	98809	17.774	ug/l	100
74) N-amyl acetate	10.842	43	51739	18.477	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	38862	18.248	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	31652m	17.506	ug/l	
77) Bromobenzene	11.201	156	26467	18.649	ug/l	100
78) n-propylbenzene	11.305	91	103848	17.528	ug/l	100
79) 2-Chlorotoluene	11.366	91	72295	18.186	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	81915	17.747	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	8406	16.551	ug/l #	83
82) 4-Chlorotoluene	11.457	91	81369	18.495	ug/l	98
83) tert-Butylbenzene	11.713	119	81094	17.228	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	84420	17.882	ug/l	96
85) sec-Butylbenzene	11.890	105	93943	17.232	ug/l	100
86) p-Isopropyltoluene	12.006	119	79591	17.622	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	44059	17.302	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	46765	18.218	ug/l	98
89) n-Butylbenzene	12.329	91	60937	16.642	ug/l	97
90) Hexachloroethane	12.536	117	11755	16.088	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	49013	18.666	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7517	16.589	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	26483	17.223	ug/l	98
94) Hexachlorobutadiene	13.725	225	8431	15.493	ug/l	96
95) Naphthalene	13.774	128	118134	18.723	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	29020	18.039	ug/l	97

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

