

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122024\
 Data File : VX044441.D
 Acq On : 20 Dec 2024 10:46
 Operator : JC/MD
 Sample : VX1220WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1220WBS01

Quant Time: Dec 20 22:21:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024
 Supervised By :Mahesh Dadoda 12/24/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	146515	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	249173	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	212384	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	96885	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	109691	42.700	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.400%		
35) Dibromofluoromethane	5.379	113	83769	48.541	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.080%		
50) Toluene-d8	8.647	98	283358	48.669	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.340%		
62) 4-Bromofluorobenzene	11.079	95	94485	46.443	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	92.880%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	41893	18.492	ug/l	95
3) Chloromethane	1.294	50	40546	18.715	ug/l	99
4) Vinyl Chloride	1.374	62	40370	17.887	ug/l	97
5) Bromomethane	1.599	94	30109	18.804	ug/l	96
6) Chloroethane	1.666	64	27776	19.764	ug/l	99
7) Trichlorofluoromethane	1.874	101	67604	15.300	ug/l	99
8) Diethyl Ether	2.136	74	26079	17.291	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	33030	18.474	ug/l	94
10) Methyl Iodide	2.447	142	45795	19.434	ug/l	96
11) Tert butyl alcohol	2.989	59	33237	91.803	ug/l	96
12) 1,1-Dichloroethene	2.312	96	30995	18.873	ug/l	96
13) Acrolein	2.239	56	44044	84.041	ug/l	96
14) Allyl chloride	2.660	41	49108	17.953	ug/l	96
15) Acrylonitrile	3.068	53	90872	90.610	ug/l	99
16) Acetone	2.386	43	79327	75.745	ug/l	91
17) Carbon Disulfide	2.501	76	51100	16.369	ug/l	100
18) Methyl Acetate	2.703	43	47831	17.713	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	112975	17.629	ug/l	97
20) Methylene Chloride	2.782	84	37654	19.142	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	32618	18.688	ug/l	96
22) Diisopropyl ether	3.763	45	110674	17.968	ug/l	97
23) Vinyl Acetate	3.721	43	456052	91.069	ug/l	99
24) 1,1-Dichloroethane	3.605	63	64973	18.923	ug/l	98
25) 2-Butanone	4.562	43	124008	83.289	ug/l	98
26) 2,2-Dichloropropane	4.471	77	51269	18.380	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	39842	17.974	ug/l	97
28) Bromochloromethane	4.891	49	26535	15.760	ug/l	97
29) Tetrahydrofuran	5.007	42	81181	84.947	ug/l	99
30) Chloroform	5.092	83	68227	17.686	ug/l	99
31) Cyclohexane	5.470	56	48875	17.628	ug/l	93
32) 1,1,1-Trichloroethane	5.373	97	55907	17.459	ug/l	98
36) 1,1-Dichloropropene	5.690	75	41416	18.566	ug/l	97
37) Ethyl Acetate	4.721	43	48014	17.412	ug/l	96
38) Carbon Tetrachloride	5.672	117	45386	18.898	ug/l	93
39) Methylcyclohexane	7.373	83	51554	19.332	ug/l	98
40) Benzene	6.031	78	137885	20.358	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	26859	18.343	ug/l	98
42) 1,2-Dichloroethane	6.086	62	53588	19.207	ug/l	97
43) Isopropyl Acetate	6.342	43	79207	18.378	ug/l	99
44) Trichloroethene	7.123	130	33615	19.902	ug/l	88
45) 1,2-Dichloropropane	7.427	63	33011	19.077	ug/l	97
46) Dibromomethane	7.580	93	26495	19.737	ug/l	95
47) Bromodichloromethane	7.818	83	44357	19.132	ug/l	98
48) Methyl methacrylate	7.690	41	36154	17.281	ug/l	94
49) 1,4-Dioxane	7.671	88	10158	292.846	ug/l #	79
51) 4-Methyl-2-Pentanone	8.574	43	255984	92.373	ug/l	99
52) Toluene	8.714	92	82957	19.504	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	41417	17.860	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	48359	19.157	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	35148	20.801	ug/l	96
56) Ethyl methacrylate	9.116	69	48642	18.235	ug/l	100
57) 1,3-Dichloropropane	9.305	76	56644	19.260	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.238	63	109022	81.033	ug/l	99
59) 2-Hexanone	9.433	43	181241	90.356	ug/l	99
60) Dibromochloromethane	9.518	129	31411	18.848	ug/l	99
61) 1,2-Dibromoethane	9.610	107	34801	20.234	ug/l	100
64) Tetrachloroethene	9.269	164	29267	20.762	ug/l	96
65) Chlorobenzene	10.079	112	90589	19.906	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	30193	20.643	ug/l	99
67) Ethyl Benzene	10.189	91	151105	19.217	ug/l	100
68) m/p-Xylenes	10.299	106	114910	39.825	ug/l	97
69) o-Xylene	10.640	106	57794	19.797	ug/l	95
70) Styrene	10.652	104	92784	19.825	ug/l	96
71) Bromoform	10.799	173	17659	19.275	ug/l #	97
73) Isopropylbenzene	10.963	105	147393	19.872	ug/l	99
74) N-amyl acetate	10.841	43	61829	18.038	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	50416	19.570	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	40633m	18.784	ug/l	
77) Bromobenzene	11.195	156	36233	20.145	ug/l	95
78) n-propylbenzene	11.299	91	162028	19.765	ug/l	98
79) 2-Chlorotoluene	11.360	91	102209	19.279	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	121225	19.709	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	11072	18.609	ug/l	91
82) 4-Chlorotoluene	11.451	91	112263	19.122	ug/l	97
83) tert-Butylbenzene	11.713	119	120518	19.827	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	121322	20.085	ug/l	98
85) sec-Butylbenzene	11.890	105	143732	19.477	ug/l	100
86) p-Isopropyltoluene	12.006	119	120356	19.596	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	63016	20.058	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	64444	19.954	ug/l	98
89) n-Butylbenzene	12.329	91	94402	18.279	ug/l	97
90) Hexachloroethane	12.536	117	16712	18.640	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	64584	19.798	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8263	16.523	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	34820	19.470	ug/l	97
94) Hexachlorobutadiene	13.725	225	15232	21.174	ug/l	99
95) Naphthalene	13.774	128	124472	17.830	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	36757	19.378	ug/l	98

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

