

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123124\
 Data File : VX044544.D
 Acq On : 30 Dec 2024 15:21
 Operator : JC/MD
 Sample : VX1231WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1231WBSD01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2024
 Supervised By :Mahesh Dadoda 12/31/2024

Quant Time: Dec 31 00:29:46 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

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	146420	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	239483	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	208723	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	97844	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	111504	43.434	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.860%		
35) Dibromofluoromethane	5.379	113	86212	51.978	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.960%		
50) Toluene-d8	8.647	98	284261	50.799	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.600%		
62) 4-Bromofluorobenzene	11.079	95	98616	50.435	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.880%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	37012	16.348	ug/l	93
3) Chloromethane	1.294	50	33364	15.410	ug/l	96
4) Vinyl Chloride	1.374	62	34945	15.493	ug/l	97
5) Bromomethane	1.593	94	24697	15.434	ug/l	96
6) Chloroethane	1.666	64	24410	17.380	ug/l	98
7) Trichlorofluoromethane	1.867	101	64539	14.616	ug/l	97
8) Diethyl Ether	2.130	74	25852	17.152	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	31820	17.808	ug/l	95
10) Methyl Iodide	2.440	142	42962	18.243	ug/l	95
11) Tert butyl alcohol	2.989	59	30571	84.494	ug/l	99
12) 1,1-Dichloroethene	2.306	96	29371	17.896	ug/l	93
13) Acrolein	2.233	56	59595	113.788	ug/l	97
14) Allyl chloride	2.654	41	44941	16.440	ug/l	100
15) Acrylonitrile	3.062	53	87880	87.684	ug/l	99
16) Acetone	2.386	43	79309	75.776	ug/l	96
17) Carbon Disulfide	2.501	76	47836	15.334	ug/l	97
18) Methyl Acetate	2.703	43	49204	18.233	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	108316	16.912	ug/l	99
20) Methylene Chloride	2.782	84	33973	17.282	ug/l	94
21) trans-1,2-Dichloroethene	3.081	96	30024	17.213	ug/l	91
22) Diisopropyl ether	3.757	45	101040	16.414	ug/l #	86
23) Vinyl Acetate	3.721	43	437504	87.421	ug/l	97
24) 1,1-Dichloroethane	3.605	63	58307	16.993	ug/l	99
25) 2-Butanone	4.562	43	123968	83.317	ug/l	99
26) 2,2-Dichloropropane	4.471	77	46427	16.655	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	37217	16.801	ug/l	96
28) Bromochloromethane	4.891	49	27968	16.622	ug/l	88
29) Tetrahydrofuran	5.013	42	79656	83.406	ug/l	99
30) Chloroform	5.092	83	64988	16.857	ug/l	96
31) Cyclohexane	5.458	56	44961	16.227	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	54645	17.076	ug/l	98
36) 1,1-Dichloropropene	5.684	75	38103	17.772	ug/l	97
37) Ethyl Acetate	4.714	43	49388	18.635	ug/l	97
38) Carbon Tetrachloride	5.672	117	43345	18.778	ug/l	99
39) Methylcyclohexane	7.372	83	49658	19.374	ug/l	94
40) Benzene	6.031	78	127799	19.632	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	25993	18.470	ug/l	94
42) 1,2-Dichloroethane	6.080	62	51265	19.118	ug/l	97
43) Isopropyl Acetate	6.342	43	77523	18.715	ug/l	99
44) Trichloroethene	7.123	130	32183	19.825	ug/l	99
45) 1,2-Dichloropropane	7.427	63	30374	18.264	ug/l	97
46) Dibromomethane	7.580	93	25539	19.794	ug/l	90
47) Bromodichloromethane	7.818	83	43386	19.471	ug/l	98
48) Methyl methacrylate	7.696	41	36328	18.067	ug/l	97
49) 1,4-Dioxane	7.671	88	12850m	385.443	ug/l	
51) 4-Methyl-2-Pentanone	8.573	43	255949	96.098	ug/l	99
52) Toluene	8.714	92	77237	18.894	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	41312	18.486	ug/l	94
54) cis-1,3-Dichloropropene	8.366	75	47678	19.651	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	34138	21.021	ug/l	98
56) Ethyl methacrylate	9.116	69	49313	19.235	ug/l	96
57) 1,3-Dichloropropane	9.305	76	56358	19.938	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	110645	85.567	ug/l	95
59) 2-Hexanone	9.433	43	184267	95.581	ug/l	98
60) Dibromochloromethane	9.518	129	31670	19.697	ug/l	100
61) 1,2-Dibromoethane	9.610	107	34634	20.952	ug/l	98
64) Tetrachloroethene	9.268	164	28800	20.789	ug/l	98
65) Chlorobenzene	10.079	112	88248	19.731	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	29914	20.811	ug/l	98
67) Ethyl Benzene	10.189	91	144188	18.659	ug/l	96
68) m/p-Xylenes	10.299	106	112061	39.519	ug/l	92
69) o-Xylene	10.640	106	54456	18.980	ug/l	96
70) Styrene	10.652	104	89568	19.474	ug/l	96
71) Bromoform	10.799	173	18862	20.774	ug/l #	98
73) Isopropylbenzene	10.963	105	143676	19.181	ug/l	100
74) N-amyl acetate	10.841	43	59828	17.283	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	50569	19.437	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	40520m	18.548	ug/l	
77) Bromobenzene	11.195	156	37085	20.417	ug/l	91
78) n-propylbenzene	11.305	91	155498	18.783	ug/l	98
79) 2-Chlorotoluene	11.360	91	98558	18.408	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	118760	19.119	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	11446	18.917	ug/l	97
82) 4-Chlorotoluene	11.451	91	108707	18.335	ug/l	97
83) tert-Butylbenzene	11.713	119	119224	19.421	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	118576	19.438	ug/l	98
85) sec-Butylbenzene	11.890	105	141202	18.947	ug/l	98
86) p-Isopropyltoluene	12.006	119	120489	19.425	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	63360	19.970	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	63515	19.474	ug/l	98
89) n-Butylbenzene	12.329	91	95391	18.289	ug/l	99
90) Hexachloroethane	12.536	117	16863	18.624	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	66497	20.185	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8500	16.830	ug/l	83
93) 1,2,4-Trichlorobenzene	13.585	180	37324	20.665	ug/l	98
94) Hexachlorobutadiene	13.725	225	16688	22.971	ug/l	96
95) Naphthalene	13.774	128	135212	19.179	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	38859	20.285	ug/l	99

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

