

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123124\
 Data File : VX044543.D
 Acq On : 30 Dec 2024 14:54
 Operator : JC/MD
 Sample : VX1231WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1231WBS01

Quant Time: Dec 31 00:28:33 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 12/31/2024
 Supervised By :Mahesh Dadoda 12/31/2024

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	153746	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	254154	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100843	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	114312	42.406	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	84.820%		
35) Dibromofluoromethane	5.385	113	90038	51.151	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.300%		
50) Toluene-d8	8.646	98	301165	50.713	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.420%		
62) 4-Bromofluorobenzene	11.079	95	103985	50.111	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.220%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	39021	16.414	ug/l	97
3) Chloromethane	1.300	50	36025	15.847	ug/l	97
4) Vinyl Chloride	1.373	62	39305	16.596	ug/l	97
5) Bromomethane	1.593	94	26141	15.558	ug/l	99
6) Chloroethane	1.666	64	25379	17.209	ug/l	91
7) Trichlorofluoromethane	1.873	101	69078	14.898	ug/l	100
8) Diethyl Ether	2.135	74	28126	17.771	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.312	101	34139	18.196	ug/l	94
10) Methyl Iodide	2.440	142	44638	18.052	ug/l	97
11) Tert butyl alcohol	2.983	59	30824	81.134	ug/l	96
12) 1,1-Dichloroethene	2.306	96	31973	18.553	ug/l	94
13) Acrolein	2.233	56	65679	119.429	ug/l	99
14) Allyl chloride	2.654	41	47046	16.390	ug/l	97
15) Acrylonitrile	3.068	53	91236	86.695	ug/l	98
16) Acetone	2.385	43	81705	74.346	ug/l	96
17) Carbon Disulfide	2.501	76	48174	14.706	ug/l	99
18) Methyl Acetate	2.702	43	49803	17.576	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	111711	16.611	ug/l	100
20) Methylene Chloride	2.782	84	35960	17.421	ug/l	92
21) trans-1,2-Dichloroethene	3.080	96	31555	17.229	ug/l	94
22) Diisopropyl ether	3.763	45	105148	16.268	ug/l	95
23) Vinyl Acetate	3.720	43	443441	84.386	ug/l	99
24) 1,1-Dichloroethane	3.605	63	62553	17.362	ug/l	97
25) 2-Butanone	4.562	43	125426	80.280	ug/l	98
26) 2,2-Dichloropropane	4.470	77	50413	17.223	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	39939	17.170	ug/l	95
28) Bromochloromethane	4.897	49	29914	16.932	ug/l	94
29) Tetrahydrofuran	5.007	42	80671	80.443	ug/l	97
30) Chloroform	5.086	83	68047	16.810	ug/l	100
31) Cyclohexane	5.458	56	47583	16.355	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	56892	16.931	ug/l	99
36) 1,1-Dichloropropene	5.690	75	41811	18.376	ug/l	97
37) Ethyl Acetate	4.720	43	48902	17.387	ug/l	99
38) Carbon Tetrachloride	5.665	117	46337	18.916	ug/l	99
39) Methylcyclohexane	7.372	83	52019	19.124	ug/l	97
40) Benzene	6.031	78	133403	19.310	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.921	41	26206	17.547	ug/l	95
42) 1,2-Dichloroethane	6.080	62	53308	18.732	ug/l	97
43) Isopropyl Acetate	6.342	43	77717	17.679	ug/l	97
44) Trichloroethene	7.122	130	34218	19.862	ug/l	99
45) 1,2-Dichloropropane	7.427	63	33258	18.843	ug/l	99
46) Dibromomethane	7.580	93	26469	19.331	ug/l	93
47) Bromodichloromethane	7.817	83	44308	18.736	ug/l	99
48) Methyl methacrylate	7.695	41	38081	17.845	ug/l	99
49) 1,4-Dioxane	7.665	88	11920m	336.907	ug/l	
51) 4-Methyl-2-Pentanone	8.573	43	256481	90.739	ug/l	99
52) Toluene	8.713	92	81853	18.868	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	42464	17.946	ug/l	92
54) cis-1,3-Dichloropropene	8.366	75	49386	19.180	ug/l	97
55) 1,1,2-Trichloroethane	9.152	97	34756	20.166	ug/l	97
56) Ethyl methacrylate	9.116	69	48658	17.884	ug/l	99
57) 1,3-Dichloropropane	9.305	76	57049	19.017	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	113825	82.945	ug/l	98
59) 2-Hexanone	9.433	43	186080	90.950	ug/l	98
60) Dibromochloromethane	9.518	129	31945	18.797	ug/l	99
61) 1,2-Dibromoethane	9.610	107	35083	19.998	ug/l	97
64) Tetrachloroethene	9.268	164	30154	20.671	ug/l	97
65) Chlorobenzene	10.079	112	91014	19.326	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.164	131	30176	19.937	ug/l	99
67) Ethyl Benzene	10.195	91	154584	18.997	ug/l	97
68) m/p-Xylenes	10.299	106	117637	39.398	ug/l	95
69) o-Xylene	10.640	106	57605	19.067	ug/l	97
70) Styrene	10.652	104	94578	19.528	ug/l	97
71) Bromoform	10.798	173	19071	20.029	ug/l #	100
73) Isopropylbenzene	10.963	105	150815	19.536	ug/l	100
74) N-amyl acetate	10.841	43	60883	17.065	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	52073	19.420	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	42245m	18.762	ug/l	
77) Bromobenzene	11.201	156	38364	20.493	ug/l	92
78) n-propylbenzene	11.304	91	163660	19.181	ug/l	97
79) 2-Chlorotoluene	11.365	91	104313	18.903	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	125956	19.674	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	12327	19.517	ug/l	97
82) 4-Chlorotoluene	11.451	91	115520	18.905	ug/l	96
83) tert-Butylbenzene	11.713	119	124037	19.605	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	125891	20.023	ug/l	99
85) sec-Butylbenzene	11.890	105	152233	19.820	ug/l	98
86) p-Isopropyltoluene	12.006	119	126730	19.824	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	66973	20.481	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	67120	19.967	ug/l	99
89) n-Butylbenzene	12.329	91	102486	19.065	ug/l	100
90) Hexachloroethane	12.536	117	17305	18.544	ug/l	87
91) 1,2-Dichlorobenzene	12.335	146	65715	19.354	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	8617	16.555	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	38478	20.671	ug/l	98
94) Hexachlorobutadiene	13.725	225	16427	21.939	ug/l	98
95) Naphthalene	13.774	128	134577	18.521	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	40587	20.557	ug/l	99

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

