

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103124\
 Data File : VX043640.D
 Acq On : 31 Oct 2024 10:50
 Operator : JC/MD
 Sample : VX1031WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1031WBS01

Quant Time: Nov 01 00:48:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 28 13:41:34 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 11/04/2024
 Supervised By :Mahesh Dadoda 11/04/2024

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

Internal Standards						
1) Pentafluorobenzene	5.537	168	192204	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.757	114	329446	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	282193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	135150	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	123220	40.206	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	80.420%		
35) Dibromofluoromethane	5.373	113	105305	47.138	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.280%		
50) Toluene-d8	8.646	98	381198	49.294	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.580%		
62) 4-Bromofluorobenzene	11.079	95	136906	47.777	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	95.560%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	35233	17.141	ug/l	98
3) Chloromethane	1.294	50	41630	15.844	ug/l	100
4) Vinyl Chloride	1.373	62	41739	17.116	ug/l	100
5) Bromomethane	1.593	94	16980	17.080	ug/l	98
6) Chloroethane	1.660	64	15005	17.465	ug/l	92
7) Trichlorofluoromethane	1.867	101	58641	19.684	ug/l	97
8) Diethyl Ether	2.129	74	24207	17.587	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.312	101	40091	19.899	ug/l	96
10) Methyl Iodide	2.440	142	54422	18.697	ug/l	96
11) Tert butyl alcohol	3.001	59	50798m	88.803	ug/l	
12) 1,1-Dichloroethene	2.306	96	38431	18.666	ug/l	96
13) Acrolein	2.239	56	32235	72.058	ug/l	99
14) Allyl chloride	2.654	41	61042	17.142	ug/l	96
15) Acrylonitrile	3.062	53	110002	85.173	ug/l	99
16) Acetone	2.385	43	99642	81.874	ug/l	98
17) Carbon Disulfide	2.495	76	67031	15.570	ug/l	97
18) Methyl Acetate	2.702	43	59322	16.678	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	135014	17.243	ug/l	100
20) Methylene Chloride	2.782	84	44697	17.041	ug/l	93
21) trans-1,2-Dichloroethene	3.080	96	40614	18.672	ug/l	91
22) Diisopropyl ether	3.757	45	131620	17.882	ug/l	96
23) Vinyl Acetate	3.714	43	525668	86.444	ug/l	98
24) 1,1-Dichloroethane	3.599	63	75168	17.768	ug/l	97
25) 2-Butanone	4.562	43	148043	83.391	ug/l	93
26) 2,2-Dichloropropane	4.464	77	61702	17.818	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	49880	17.952	ug/l	98
28) Bromochloromethane	4.891	49	32847	16.321	ug/l	96
29) Tetrahydrofuran	5.007	42	96899	83.990	ug/l	96
30) Chloroform	5.086	83	79698	17.971	ug/l	99
31) Cyclohexane	5.458	56	60628	18.737	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	69088	18.556	ug/l	98
36) 1,1-Dichloropropene	5.684	75	49886	18.832	ug/l	96
37) Ethyl Acetate	4.714	43	56716	17.636	ug/l	97
38) Carbon Tetrachloride	5.665	117	56788	19.402	ug/l	98
39) Methylcyclohexane	7.372	83	67255	20.450	ug/l	100
40) Benzene	6.031	78	170292	19.270	ug/l	97

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41) Methacrylonitrile	4.915	41	29794	17.650	ug/l	93
42) 1,2-Dichloroethane	6.080	62	56632	17.826	ug/l	98
43) Isopropyl Acetate	6.336	43	92309	17.356	ug/l	97
44) Trichloroethene	7.122	130	44293	20.176	ug/l	88
45) 1,2-Dichloropropane	7.421	63	42032	19.317	ug/l	97
46) Dibromomethane	7.580	93	30251	18.056	ug/l	93
47) Bromodichloromethane	7.817	83	53295	18.133	ug/l	96
48) Methyl methacrylate	7.695	41	43445	17.230	ug/l	93
49) 1,4-Dioxane	7.665	88	20945	404.305	ug/l #	83
51) 4-Methyl-2-Pentanone	8.573	43	295318	91.104	ug/l	98
52) Toluene	8.714	92	109038	20.345	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	56895	18.023	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	63622	18.915	ug/l	93
55) 1,1,2-Trichloroethane	9.146	97	43502	19.500	ug/l	98
56) Ethyl methacrylate	9.116	69	66438	18.329	ug/l	92
57) 1,3-Dichloropropane	9.305	76	71820	19.357	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	167234	95.260	ug/l	96
59) 2-Hexanone	9.433	43	222209	90.257	ug/l	98
60) Dibromochloromethane	9.518	129	40637	18.396	ug/l	98
61) 1,2-Dibromoethane	9.610	107	43874	18.946	ug/l	98
64) Tetrachloroethene	9.268	164	38282	21.569	ug/l	90
65) Chlorobenzene	10.079	112	120135	19.788	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.158	131	39999	20.170	ug/l	99
67) Ethyl Benzene	10.195	91	197455	19.946	ug/l	99
68) m/p-Xylenes	10.299	106	157288	41.546	ug/l	93
69) o-Xylene	10.640	106	79298	20.847	ug/l	93
70) Styrene	10.652	104	130932	20.710	ug/l	97
71) Bromoform	10.799	173	25997	18.233	ug/l #	98
73) Isopropylbenzene	10.963	105	198289	20.712	ug/l	100
74) N-amyl acetate	10.841	43	82166	17.618	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	64565	18.755	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	52661m	18.224	ug/l	
77) Bromobenzene	11.195	156	49826	20.156	ug/l	95
78) n-propylbenzene	11.305	91	219700	21.048	ug/l	99
79) 2-Chlorotoluene	11.365	91	137665	19.889	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	165543	20.739	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	18247	17.371	ug/l	97
82) 4-Chlorotoluene	11.451	91	153981	19.820	ug/l	95
83) tert-Butylbenzene	11.713	119	169409	20.868	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	168057	20.659	ug/l	98
85) sec-Butylbenzene	11.890	105	207280	21.783	ug/l	99
86) p-Isopropyltoluene	12.006	119	174922	21.626	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	90672	20.464	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	91148	19.853	ug/l	99
89) n-Butylbenzene	12.329	91	143091	21.711	ug/l	99
90) Hexachloroethane	12.536	117	25649	19.522	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	92543	20.426	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	11709	16.684	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	54704	19.892	ug/l	98
94) Hexachlorobutadiene	13.725	225	21998	21.695	ug/l	97
95) Naphthalene	13.774	128	202081	19.202	ug/l	100
96) 1,2,3-Trichlorobenzene	13.956	180	57706	19.901	ug/l	100

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

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