

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
 Data File : VX043490.D
 Acq On : 23 Oct 2024 16:13
 Operator : JC/MD
 Sample : VX1023WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBS01

Quant Time: Oct 24 06:07:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 04:54:33 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/24/2024
 Supervised By :Semsettin Yesilyurt 10/24/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	87818	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	170619	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	150628	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66452	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	73807	48.988	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.980%		
35) Dibromofluoromethane	5.391	113	56672	48.289	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.580%		
50) Toluene-d8	8.647	98	204012	49.524	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.040%		
62) 4-Bromofluorobenzene	11.079	95	74815	47.554	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	95.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	17675	17.809	ug/l	99
3) Chloromethane	1.294	50	22838	17.491	ug/l	100
4) Vinyl Chloride	1.380	62	21465	18.546	ug/l	97
5) Bromomethane	1.599	94	9791	19.265	ug/l	97
6) Chloroethane	1.678	64	12216	24.115	ug/l	94
7) Trichlorofluoromethane	1.880	101	30142	18.683	ug/l	96
8) Diethyl Ether	2.142	74	11843	17.341	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.325	101	18475	19.246	ug/l	98
10) Methyl Iodide	2.453	142	26226	21.082	ug/l	98
11) Tert butyl alcohol	2.983	59	27654	128.847	ug/l	97
12) 1,1-Dichloroethene	2.319	96	18377	19.201	ug/l	98
13) Acrolein	2.239	56	21422	98.038	ug/l	97
14) Allyl chloride	2.666	41	33379	18.025	ug/l	98
15) Acrylonitrile	3.075	53	55002	105.959	ug/l	98
16) Acetone	2.392	43	55048	98.104	ug/l	100
17) Carbon Disulfide	2.508	76	38512	18.810	ug/l	99
18) Methyl Acetate	2.709	43	29001	18.650	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	68832	19.493	ug/l	94
20) Methylene Chloride	2.794	84	23625	18.895	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	20157	18.144	ug/l	95
22) Diisopropyl ether	3.770	45	71619	19.098	ug/l	99
23) Vinyl Acetate	3.727	43	260696	98.633	ug/l	98
24) 1,1-Dichloroethane	3.611	63	41380	18.873	ug/l	97
25) 2-Butanone	4.568	43	80323	106.034	ug/l	98
26) 2,2-Dichloropropane	4.471	77	31936	17.446	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	26081	18.637	ug/l	99
28) Bromochloromethane	4.904	49	18184	19.200	ug/l	98
29) Tetrahydrofuran	5.019	42	50239	104.077	ug/l	100
30) Chloroform	5.099	83	43765	18.191	ug/l	97
31) Cyclohexane	5.470	56	28994	18.788	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	36114	18.826	ug/l	100
36) 1,1-Dichloropropene	5.696	75	25059	18.031	ug/l	98
37) Ethyl Acetate	4.727	43	28701	18.436	ug/l #	86
38) Carbon Tetrachloride	5.672	117	28337	18.652	ug/l	97
39) Methylcyclohexane	7.379	83	29869	18.010	ug/l	96
40) Benzene	6.037	78	88177	18.414	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	14902	17.435	ug/l	97
42) 1,2-Dichloroethane	6.092	62	32965	19.266	ug/l	98
43) Isopropyl Acetate	6.348	43	48115	19.676	ug/l	98
44) Trichloroethene	7.123	130	20917	17.720	ug/l	89
45) 1,2-Dichloropropane	7.427	63	21993	19.960	ug/l	90
46) Dibromomethane	7.586	93	15238	19.346	ug/l	99
47) Bromodichloromethane	7.824	83	29200	18.392	ug/l	99
48) Methyl methacrylate	7.696	41	23065	19.192	ug/l	98
49) 1,4-Dioxane	7.677	88	8917	441.988	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	152454	104.117	ug/l	100
52) Toluene	8.720	92	55257	19.206	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	27350	18.329	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	32672	19.490	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	20266	19.658	ug/l	96
56) Ethyl methacrylate	9.116	69	29539	19.380	ug/l	97
57) 1,3-Dichloropropane	9.311	76	34504	19.254	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	65757	97.134	ug/l	99
59) 2-Hexanone	9.433	43	110577	105.795	ug/l	99
60) Dibromochloromethane	9.519	129	19741	19.527	ug/l	99
61) 1,2-Dibromoethane	9.610	107	20614	19.795	ug/l	95
64) Tetrachloroethene	9.275	164	18890	18.072	ug/l	94
65) Chlorobenzene	10.079	112	60455	18.181	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	20494	19.508	ug/l	98
67) Ethyl Benzene	10.195	91	101429	18.922	ug/l	100
68) m/p-Xylenes	10.299	106	76980	37.593	ug/l	99
69) o-Xylene	10.640	106	38617	18.672	ug/l	100
70) Styrene	10.659	104	63512	19.028	ug/l	99
71) Bromoform	10.799	173	10596	17.664	ug/l #	97
73) Isopropylbenzene	10.963	105	94557	19.778	ug/l	98
74) N-amyl acetate	10.841	43	36683	20.463	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	28091	19.028	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	24233m	18.182	ug/l	
77) Bromobenzene	11.201	156	23905	19.502	ug/l	99
78) n-propylbenzene	11.305	91	102684	18.928	ug/l	100
79) 2-Chlorotoluene	11.366	91	71298	19.139	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	81640	19.485	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	6760	18.731	ug/l	94
82) 4-Chlorotoluene	11.457	91	78940	18.294	ug/l	97
83) tert-Butylbenzene	11.713	119	76974	19.390	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	81440	18.972	ug/l	99
85) sec-Butylbenzene	11.890	105	90564	19.095	ug/l	98
86) p-Isopropyltoluene	12.006	119	75078	18.784	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	41616	18.022	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	41841	17.774	ug/l	97
89) n-Butylbenzene	12.335	91	59956	18.060	ug/l	97
90) Hexachloroethane	12.536	117	11160	17.551	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	41655	18.044	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5361	20.209	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	22691	17.349	ug/l	99
94) Hexachlorobutadiene	13.725	225	8614	17.388	ug/l	95
95) Naphthalene	13.774	128	69898	17.184	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	22159	17.094	ug/l	97

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

