

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103024\
 Data File : VX043613.D
 Acq On : 30 Oct 2024 10:56
 Operator : JC/MD
 Sample : VX1030WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1030WBS01

Quant Time: Oct 31 09:41:19 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 11/01/2024
 Supervised By :Mahesh Dadoda 11/01/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	148306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	264784	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	239021	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	117960	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	108212	45.760	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.520%		
35) Dibromofluoromethane	5.379	113	87025	48.469	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.940%		
50) Toluene-d8	8.647	98	314569	50.612	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.220%		
62) 4-Bromofluorobenzene	11.079	95	119367	51.829	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	103.660%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	27753	17.498	ug/l	98
3) Chloromethane	1.295	50	34439	16.986	ug/l	100
4) Vinyl Chloride	1.374	62	33498	17.803	ug/l	96
5) Bromomethane	1.593	94	14288	18.626	ug/l	93
6) Chloroethane	1.660	64	11760	17.740	ug/l	92
7) Trichlorofluoromethane	1.861	101	40651	17.685	ug/l	99
8) Diethyl Ether	2.130	74	19398	18.264	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.313	101	29454	18.947	ug/l	96
10) Methyl Iodide	2.441	142	41395	18.431	ug/l	97
11) Tert butyl alcohol	3.008	59	41254m	93.465	ug/l	
12) 1,1-Dichloroethene	2.307	96	28154	17.722	ug/l	94
13) Acrolein	2.233	56	26661	77.239	ug/l	97
14) Allyl chloride	2.654	41	46642	16.975	ug/l	97
15) Acrylonitrile	3.069	53	98528	98.870	ug/l	99
16) Acetone	2.386	43	93396	99.457	ug/l	100
17) Carbon Disulfide	2.496	76	48946	14.734	ug/l	99
18) Methyl Acetate	2.703	43	50644	18.453	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	113805	18.837	ug/l	98
20) Methylene Chloride	2.782	84	36896	18.230	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	30527	18.189	ug/l	95
22) Diisopropyl ether	3.764	45	107460	18.921	ug/l	96
23) Vinyl Acetate	3.721	43	443752	94.573	ug/l	99
24) 1,1-Dichloroethane	3.599	63	58738	17.994	ug/l	98
25) 2-Butanone	4.568	43	137643	100.482	ug/l	99
26) 2,2-Dichloropropane	4.465	77	47680	17.844	ug/l	98
27) cis-1,2-Dichloroethene	4.477	96	40483	18.882	ug/l	98
28) Bromochloromethane	4.891	49	28671	18.463	ug/l	95
29) Tetrahydrofuran	5.013	42	85231	95.744	ug/l	97
30) Chloroform	5.080	83	64399	18.820	ug/l	94
31) Cyclohexane	5.458	56	45048	18.042	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	50740	17.662	ug/l	98
36) 1,1-Dichloropropene	5.684	75	38518	18.092	ug/l	97
37) Ethyl Acetate	4.715	43	51646	19.981	ug/l	98
38) Carbon Tetrachloride	5.666	117	41334	17.571	ug/l	99
39) Methylcyclohexane	7.373	83	50783	19.212	ug/l	100
40) Benzene	6.031	78	135317	19.052	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	27603	20.345	ug/l	95
42) 1,2-Dichloroethane	6.080	62	48172	18.866	ug/l	97
43) Isopropyl Acetate	6.336	43	80680	18.875	ug/l	97
44) Trichloroethene	7.123	130	32171	18.233	ug/l	93
45) 1,2-Dichloropropane	7.428	63	33302	19.042	ug/l	100
46) Dibromomethane	7.580	93	25774	19.140	ug/l	95
47) Bromodichloromethane	7.818	83	43771	18.529	ug/l	98
48) Methyl methacrylate	7.696	41	39830	19.653	ug/l	96
49) 1,4-Dioxane	7.671	88	14140	339.602	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	269977	103.625	ug/l	99
52) Toluene	8.714	92	84865	19.702	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	46488	18.322	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	52745	19.511	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	36754	20.499	ug/l	99
56) Ethyl methacrylate	9.116	69	59004	20.253	ug/l	94
57) 1,3-Dichloropropane	9.305	76	61622	20.664	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	140409	99.511	ug/l	97
59) 2-Hexanone	9.433	43	205521	103.864	ug/l	98
60) Dibromochloromethane	9.519	129	34532	19.450	ug/l	100
61) 1,2-Dibromoethane	9.610	107	38155	20.500	ug/l	97
64) Tetrachloroethene	9.269	164	28659	19.064	ug/l	95
65) Chlorobenzene	10.080	112	100050	19.456	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	32872	19.571	ug/l	98
67) Ethyl Benzene	10.189	91	159115	18.976	ug/l	98
68) m/p-Xylenes	10.299	106	126258	39.374	ug/l	94
69) o-Xylene	10.640	106	64722	20.088	ug/l	95
70) Styrene	10.653	104	108183	20.202	ug/l	99
71) Bromoform	10.799	173	22030	18.241	ug/l #	97
73) Isopropylbenzene	10.964	105	156713	18.755	ug/l	100
74) N-amyl acetate	10.842	43	73630	18.089	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	58265	19.391	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	47409m	18.797	ug/l	
77) Bromobenzene	11.195	156	42214	19.565	ug/l	96
78) n-propylbenzene	11.305	91	172894	18.977	ug/l	98
79) 2-Chlorotoluene	11.366	91	112270	18.584	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	134164	19.257	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	15721	17.148	ug/l	96
82) 4-Chlorotoluene	11.451	91	128383	18.933	ug/l	96
83) tert-Butylbenzene	11.713	119	134426	18.972	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	136562	19.234	ug/l	97
85) sec-Butylbenzene	11.890	105	160544	19.331	ug/l	99
86) p-Isopropyltoluene	12.006	119	136876	19.389	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	73659	19.047	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	76016	18.970	ug/l	100
89) n-Butylbenzene	12.329	91	109400	19.018	ug/l	99
90) Hexachloroethane	12.536	117	20716	18.065	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	79439	20.088	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	10780	17.599	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	47511	19.794	ug/l	99
94) Hexachlorobutadiene	13.725	225	16964	19.168	ug/l	98
95) Naphthalene	13.774	128	179816	19.576	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	48793	19.280	ug/l	100

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

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