

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122923\
 Data File : VX039534.D
 Acq On : 29 Dec 2023 10:56
 Operator : JC/MD
 Sample : VX1229WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1229WBS02

Quant Time: Dec 30 01:55:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/01/2024
 Supervised By :Mahesh Dadoda 01/01/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	98661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	177871	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	160253	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75454	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	84924	46.987	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.980%		
35) Dibromofluoromethane	5.379	113	61097	49.720	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.440%		
50) Toluene-d8	8.647	98	226546	49.659	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.320%		
62) 4-Bromofluorobenzene	11.079	95	84201	44.734	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.460%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	25197	18.175	ug/l	93
3) Chloromethane	1.294	50	29250	19.031	ug/l	100
4) Vinyl Chloride	1.374	62	27218	19.041	ug/l	99
5) Bromomethane	1.593	94	13625	16.568	ug/l	95
6) Chloroethane	1.660	64	11389	13.222	ug/l	93
7) Trichlorofluoromethane	1.867	101	38822	18.548	ug/l	100
8) Diethyl Ether	2.136	74	14958	20.648	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	23790	18.626	ug/l	97
10) Methyl Iodide	2.447	142	23536	17.827	ug/l	93
11) Tert butyl alcohol	3.001	59	46684	102.858	ug/l #	92
12) 1,1-Dichloroethene	2.313	96	22188	17.488	ug/l	96
13) Acrolein	2.239	56	37121	102.522	ug/l	97
14) Allyl chloride	2.660	41	46227	17.986	ug/l	95
15) Acrylonitrile	3.062	53	95377	104.986	ug/l	98
16) Acetone	2.386	43	94654	73.489	ug/l	95
17) Carbon Disulfide	2.502	76	53742	14.475	ug/l	98
18) Methyl Acetate	2.703	43	86204	22.051	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	88550	19.298	ug/l	97
20) Methylene Chloride	2.782	84	28025	18.600	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	23687	17.157	ug/l	100
22) Diisopropyl ether	3.757	45	94422	20.182	ug/l	96
23) Vinyl Acetate	3.721	43	337157	96.800	ug/l	99
24) 1,1-Dichloroethane	3.605	63	49342	18.657	ug/l	99
25) 2-Butanone	4.562	43	141593	90.785	ug/l	99
26) 2,2-Dichloropropane	4.471	77	37830	16.384	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	28075	18.424	ug/l	99
28) Bromochloromethane	4.897	49	26568	20.588	ug/l	92
29) Tetrahydrofuran	5.007	42	92924	107.887	ug/l	99
30) Chloroform	5.093	83	49107	18.581	ug/l	100
31) Cyclohexane	5.458	56	42642	18.266	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	39364	17.157	ug/l	98
36) 1,1-Dichloropropene	5.690	75	34798	17.945	ug/l	99
37) Ethyl Acetate	4.715	43	49734	20.760	ug/l	99
38) Carbon Tetrachloride	5.666	117	30726	16.604	ug/l	95
39) Methylcyclohexane	7.379	83	43649	18.740	ug/l	95
40) Benzene	6.031	78	106103	19.343	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	26168	20.472	ug/l	94
42) 1,2-Dichloroethane	6.080	62	41730	18.794	ug/l	99
43) Isopropyl Acetate	6.342	43	76337	19.595	ug/l	100
44) Trichloroethene	7.123	130	24093	17.406	ug/l	91
45) 1,2-Dichloropropane	7.427	63	29654	20.143	ug/l	99
46) Dibromomethane	7.580	93	19348	18.696	ug/l	95
47) Bromodichloromethane	7.818	83	35086	17.732	ug/l	98
48) Methyl methacrylate	7.696	41	45150	19.824	ug/l	95
49) 1,4-Dioxane	7.665	88	16161	526.421	ug/l #	97
51) 4-Methyl-2-Pentanone	8.574	43	272766	109.891	ug/l	99
52) Toluene	8.714	92	63500	19.180	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	35859	16.461	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	41831	17.847	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	27551	19.933	ug/l	91
56) Ethyl methacrylate	9.116	69	33639	19.937	ug/l	96
57) 1,3-Dichloropropane	9.305	76	47306	19.798	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	100477	101.414	ug/l	93
59) 2-Hexanone	9.433	43	219230	102.339	ug/l	98
60) Dibromochloromethane	9.519	129	24143	17.272	ug/l	100
61) 1,2-Dibromoethane	9.610	107	28442	19.276	ug/l	99
64) Tetrachloroethene	9.269	164	19255	18.387	ug/l	97
65) Chlorobenzene	10.079	112	65590	18.752	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	22483	18.197	ug/l	97
67) Ethyl Benzene	10.195	91	121510	18.662	ug/l	98
68) m/p-Xylenes	10.299	106	88613	37.958	ug/l	94
69) o-Xylene	10.640	106	43751	19.383	ug/l	93
70) Styrene	10.652	104	63463	19.233	ug/l	96
71) Bromoform	10.799	173	15249	16.604	ug/l #	99
73) Isopropylbenzene	10.963	105	117673	20.213	ug/l	99
74) N-amyl acetate	10.841	43	62247	21.133	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	49458	22.837	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	39876m	20.427	ug/l	
77) Bromobenzene	11.195	156	26349	20.468	ug/l	96
78) n-propylbenzene	11.305	91	137201	19.128	ug/l	97
79) 2-Chlorotoluene	11.366	91	84342	19.440	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	99238	20.010	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	11371	16.432	ug/l	96
82) 4-Chlorotoluene	11.457	91	95797	18.799	ug/l	98
83) tert-Butylbenzene	11.713	119	96536	20.453	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	102156	20.086	ug/l	99
85) sec-Butylbenzene	11.890	105	117657	19.590	ug/l	96
86) p-Isopropyltoluene	12.006	119	96973	19.239	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	47099	18.623	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	48116	18.272	ug/l	98
89) n-Butylbenzene	12.335	91	86700	17.498	ug/l	96
90) Hexachloroethane	12.536	117	15533	17.060	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	49023	20.258	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11054	19.379	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	27228	17.183	ug/l	96
94) Hexachlorobutadiene	13.725	225	11397	19.086	ug/l	97
95) Naphthalene	13.774	128	107294	19.443	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	27459	17.951	ug/l	99

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

