

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102824\
 Data File : VX043557.D
 Acq On : 28 Oct 2024 11:22
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/29/2024
 Supervised By :Mahesh Dadoda 10/29/2024

Quant Time: Oct 28 13:30:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 28 13:29:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	155093	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	287211	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	250063	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111781	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	13988	5.686	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	11.380%#		
35) Dibromofluoromethane	5.385	113	10276	5.373	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.740%#		
50) Toluene-d8	8.647	98	36059	5.438	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.880%#		
62) 4-Bromofluorobenzene	11.079	95	12799	5.284	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	10.560%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	8579	4.962	ug/l	96
3) Chloromethane	1.295	50	10900	4.942	ug/l	95
4) Vinyl Chloride	1.374	62	10451	5.202	ug/l	99
5) Bromomethane	1.599	94	4136	5.271	ug/l	92
6) Chloroethane	1.660	64	3330	5.066	ug/l #	82
7) Trichlorofluoromethane	1.861	101	12037	4.565	ug/l	96
8) Diethyl Ether	2.136	74	5822	5.055	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.313	101	8472	5.091	ug/l	98
10) Methyl Iodide	2.441	142	11260	4.886	ug/l	100
11) Tert butyl alcohol	3.038	59	10188	19.389	ug/l #	100
12) 1,1-Dichloroethene	2.300	96	8606	5.260	ug/l	91
13) Acrolein	2.239	56	9609	23.207	ug/l	99
14) Allyl chloride	2.654	41	13656	4.703	ug/l	96
15) Acrylonitrile	3.075	53	25966	22.307	ug/l	99
16) Acetone	2.392	43	24830	23.644	ug/l	99
17) Carbon Disulfide	2.496	76	15112	4.462	ug/l #	95
18) Methyl Acetate	2.709	43	14366	4.552	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	31411	4.934	ug/l	99
20) Methylene Chloride	2.782	84	10845	5.284	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	8639	4.877	ug/l	95
22) Diisopropyl ether	3.764	45	30888	5.154	ug/l #	86
23) Vinyl Acetate	3.721	43	119942	24.227	ug/l	98
24) 1,1-Dichloroethane	3.605	63	17144	5.072	ug/l	98
25) 2-Butanone	4.581	43	35818	22.456	ug/l	98
26) 2,2-Dichloropropane	4.471	77	14180	5.820	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	11158	5.055	ug/l	98
28) Bromochloromethane	4.904	49	8209	4.909	ug/l	97
29) Tetrahydrofuran	5.026	42	23624	22.684	ug/l	97
30) Chloroform	5.093	83	18141	5.019	ug/l	95
31) Cyclohexane	5.458	56	13335	4.972	ug/l	88
32) 1,1,1-Trichloroethane	5.379	97	14721	4.846	ug/l	98
36) 1,1-Dichloropropene	5.690	75	11382	5.029	ug/l	98
37) Ethyl Acetate	4.733	43	11948	3.868	ug/l #	94
38) Carbon Tetrachloride	5.672	117	12706	4.940	ug/l	99
39) Methylcyclohexane	7.379	83	14623	5.038	ug/l	94
40) Benzene	6.038	78	40098	5.300	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	6345	4.083	ug/l #	81
42) 1,2-Dichloroethane	6.092	62	14018	5.037	ug/l	99
43) Isopropyl Acetate	6.355	43	23242	4.756	ug/l	99
44) Trichloroethene	7.123	130	9917	5.528	ug/l	93
45) 1,2-Dichloropropane	7.434	63	9734	5.268	ug/l	91
46) Dibromomethane	7.586	93	7576	5.337	ug/l	96
47) Bromodichloromethane	7.818	83	11922	4.735	ug/l	99
48) Methyl methacrylate	7.702	41	10543	4.621	ug/l	95
49) 1,4-Dioxane	7.690	88	4322	73.737	ug/l	88
51) 4-Methyl-2-Pentanone	8.580	43	71301	23.028	ug/l	98
52) Toluene	8.720	92	23888	5.121	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	12164	4.773	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	14227	5.084	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	9807	4.982	ug/l	97
56) Ethyl methacrylate	9.122	69	14989	4.712	ug/l	99
57) 1,3-Dichloropropane	9.311	76	16567	5.097	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.245	63	36952	23.613	ug/l	98
59) 2-Hexanone	9.439	43	52944	22.614	ug/l	99
60) Dibromochloromethane	9.519	129	8314	4.514	ug/l	96
61) 1,2-Dibromoethane	9.610	107	10094	5.087	ug/l	98
64) Tetrachloroethene	9.275	164	8068	5.154	ug/l	91
65) Chlorobenzene	10.080	112	27763	5.337	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	8622	4.907	ug/l	96
67) Ethyl Benzene	10.195	91	44094	5.095	ug/l	98
68) m/p-Xylenes	10.299	106	33988	10.367	ug/l	96
69) o-Xylene	10.640	106	17462	5.181	ug/l	98
70) Styrene	10.659	104	26381	4.836	ug/l	96
71) Bromoform	10.799	173	5147	4.345	ug/l #	98
73) Isopropylbenzene	10.964	105	41185	5.155	ug/l	99
74) N-amyl acetate	10.848	43	19116	4.750	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	15141	4.947	ug/l	95
76) 1,2,3-Trichloropropane	11.238	75	13527m	5.206	ug/l	
77) Bromobenzene	11.201	156	10564	5.179	ug/l	97
78) n-propylbenzene	11.305	91	42687	5.013	ug/l	99
79) 2-Chlorotoluene	11.366	91	29923	5.237	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	34706	5.232	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	3243	3.808	ug/l #	82
82) 4-Chlorotoluene	11.457	91	32648	5.163	ug/l	98
83) tert-Butylbenzene	11.713	119	34653	5.122	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	34775	5.125	ug/l	98
85) sec-Butylbenzene	11.890	105	39786	5.078	ug/l	99
86) p-Isopropyltoluene	12.006	119	33359	5.139	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	18951	5.178	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	19222	5.210	ug/l	93
89) n-Butylbenzene	12.329	91	24922	4.736	ug/l	98
90) Hexachloroethane	12.536	117	4704	4.480	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	19394	5.139	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	2456	3.771	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	11267	5.098	ug/l	98
94) Hexachlorobutadiene	13.725	225	4097	5.239	ug/l	96
95) Naphthalene	13.774	128	41834	4.613	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	11815	5.110	ug/l	96

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

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