

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102824\
 Data File : VX043558.D
 Acq On : 28 Oct 2024 11:45
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

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

Quant Time: Oct 28 13:31:03 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	159966	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	291315	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	254622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	119710	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	50818	20.026	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	40.060%#		
35) Dibromofluoromethane	5.385	113	39238	20.228	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	40.460%#		
50) Toluene-d8	8.647	98	140572	20.900	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	41.800%#		
62) 4-Bromofluorobenzene	11.079	95	50243	20.452	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	40.900%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	35334	19.816	ug/l	97
3) Chloromethane	1.294	50	43361	19.061	ug/l	99
4) Vinyl Chloride	1.374	62	40804	19.692	ug/l	99
5) Bromomethane	1.599	94	15764	19.478	ug/l	94
6) Chloroethane	1.666	64	13552	19.988	ug/l	100
7) Trichlorofluoromethane	1.861	101	45410	16.698	ug/l	99
8) Diethyl Ether	2.136	74	22721	19.128	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.313	101	33400	19.458	ug/l	98
10) Methyl Iodide	2.441	142	48753	20.510	ug/l	97
11) Tert butyl alcohol	3.050	59	42004m	77.502	ug/l	
12) 1,1-Dichloroethene	2.300	96	33343	19.757	ug/l	98
13) Acrolein	2.239	56	38776	90.794	ug/l	99
14) Allyl chloride	2.654	41	57560	19.220	ug/l	99
15) Acrylonitrile	3.075	53	105959	88.256	ug/l	98
16) Acetone	2.398	43	93987	86.771	ug/l	99
17) Carbon Disulfide	2.495	76	64452	18.450	ug/l	100
18) Methyl Acetate	2.709	43	56319	17.301	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	130430	19.863	ug/l	96
20) Methylene Chloride	2.782	84	42392	20.027	ug/l	94
21) trans-1,2-Dichloroethene	3.081	96	36925	20.210	ug/l	97
22) Diisopropyl ether	3.770	45	126839	20.521	ug/l	93
23) Vinyl Acetate	3.721	43	514244	100.709	ug/l	99
24) 1,1-Dichloroethane	3.605	63	70569	20.241	ug/l	98
25) 2-Butanone	4.574	43	146114	88.817	ug/l	98
26) 2,2-Dichloropropane	4.465	77	57622	22.931	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	45798	20.118	ug/l	99
28) Bromochloromethane	4.897	49	33980	19.701	ug/l	100
29) Tetrahydrofuran	5.013	42	95553	88.955	ug/l	100
30) Chloroform	5.086	83	74554	19.996	ug/l	95
31) Cyclohexane	5.464	56	56622	20.469	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	62556	19.966	ug/l	98
36) 1,1-Dichloropropene	5.684	75	47520	20.699	ug/l	99
37) Ethyl Acetate	4.727	43	58054	18.528	ug/l	100
38) Carbon Tetrachloride	5.666	117	49282	18.891	ug/l	96
39) Methylcyclohexane	7.373	83	59999	20.379	ug/l	98
40) Benzene	6.031	78	161123	20.995	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	30325	19.241	ug/l	95
42) 1,2-Dichloroethane	6.086	62	58281	20.645	ug/l	99
43) Isopropyl Acetate	6.348	43	92676	18.698	ug/l	98
44) Trichloroethene	7.123	130	39344	21.623	ug/l	94
45) 1,2-Dichloropropane	7.427	63	37857	20.200	ug/l	93
46) Dibromomethane	7.580	93	30097	20.905	ug/l	99
47) Bromodichloromethane	7.824	83	50694	19.849	ug/l	100
48) Methyl methacrylate	7.696	41	45592	19.703	ug/l	99
49) 1,4-Dioxane	7.683	88	15361	258.381	ug/l #	75
51) 4-Methyl-2-Pentanone	8.580	43	295125	93.974	ug/l	100
52) Toluene	8.720	92	100958	21.337	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	56483	21.853	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	62338	21.962	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	40197	20.132	ug/l	99
56) Ethyl methacrylate	9.116	69	65359	20.255	ug/l	97
57) 1,3-Dichloropropane	9.305	76	68675	20.831	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	167179	105.324	ug/l	98
59) 2-Hexanone	9.433	43	221604	93.320	ug/l	100
60) Dibromochloromethane	9.519	129	38713	20.721	ug/l	99
61) 1,2-Dibromoethane	9.610	107	42059	20.896	ug/l	97
64) Tetrachloroethene	9.269	164	33267	20.871	ug/l	90
65) Chlorobenzene	10.079	112	110251	20.814	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	35663	19.934	ug/l	98
67) Ethyl Benzene	10.189	91	183192	20.790	ug/l	98
68) m/p-Xylenes	10.299	106	144291	43.222	ug/l	96
69) o-Xylene	10.640	106	71049	20.704	ug/l	98
70) Styrene	10.652	104	119564	21.527	ug/l	100
71) Bromoform	10.799	173	23453	19.445	ug/l #	98
73) Isopropylbenzene	10.963	105	177401	20.733	ug/l	99
74) N-amyl acetate	10.841	43	83132	19.288	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	63016	19.225	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	55850m	20.069	ug/l	
77) Bromobenzene	11.195	156	44364	20.310	ug/l	98
78) n-propylbenzene	11.305	91	194707	21.351	ug/l	100
79) 2-Chlorotoluene	11.366	91	126983	20.753	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	149254	21.008	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	17057	18.703	ug/l	96
82) 4-Chlorotoluene	11.451	91	140875	20.804	ug/l	98
83) tert-Butylbenzene	11.713	119	150766	20.809	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	152608	21.002	ug/l	99
85) sec-Butylbenzene	11.890	105	178042	21.218	ug/l	98
86) p-Isopropyltoluene	12.006	119	149537	21.511	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	78867	20.122	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	81095	20.525	ug/l	99
89) n-Butylbenzene	12.329	91	120461	21.375	ug/l	99
90) Hexachloroethane	12.536	117	22769	20.246	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	81283	20.112	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	12277	17.603	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	47851	20.219	ug/l	99
94) Hexachlorobutadiene	13.725	225	18082	21.589	ug/l	97
95) Naphthalene	13.774	128	191837	19.754	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	51568	20.826	ug/l	99

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

