

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102824\
 Data File : VX043560.D
 Acq On : 28 Oct 2024 12:31
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Oct 28 13:31:39 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	144332	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	265513	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	230783	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	112136	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	222471	97.169	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 194.340%#			
35) Dibromofluoromethane	5.379	113	181437	102.625	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 205.240%#			
50) Toluene-d8	8.647	98	615421	100.391	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 200.780%#			
62) 4-Bromofluorobenzene	11.079	95	233193	104.146	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 208.300%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	150686	93.662	ug/l	95
3) Chloromethane	1.294	50	191165	93.138	ug/l	99
4) Vinyl Chloride	1.374	62	185746	99.351	ug/l	99
5) Bromomethane	1.593	94	75100	102.844	ug/l	99
6) Chloroethane	1.660	64	62560	102.264	ug/l	97
7) Trichlorofluoromethane	1.861	101	244340	99.580	ug/l	99
8) Diethyl Ether	2.136	74	109025	101.725	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.312	101	155594	100.462	ug/l	98
10) Methyl Iodide	2.440	142	227894	106.257	ug/l	99
11) Tert butyl alcohol	3.038	59	245468	501.973	ug/l #	100
12) 1,1-Dichloroethene	2.306	96	160565	105.446	ug/l	96
13) Acrolein	2.239	56	168697	437.793	ug/l	99
14) Allyl chloride	2.654	41	289621	107.186	ug/l	97
15) Acrylonitrile	3.068	53	518888	479.012	ug/l	100
16) Acetone	2.392	43	452601	463.114	ug/l	100
17) Carbon Disulfide	2.495	76	378228	120.001	ug/l	100
18) Methyl Acetate	2.709	43	272708	92.847	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	602114	101.628	ug/l	99
20) Methylene Chloride	2.782	84	191848	100.449	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	171404	103.973	ug/l	97
22) Diisopropyl ether	3.763	45	560616	100.525	ug/l	94
23) Vinyl Acetate	3.721	43	2462441	534.476	ug/l	98
24) 1,1-Dichloroethane	3.605	63	327525	104.117	ug/l	99
25) 2-Butanone	4.562	43	698547	470.613	ug/l	98
26) 2,2-Dichloropropane	4.471	77	267036	117.781	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	215682	105.006	ug/l	99
28) Bromochloromethane	4.897	49	157450	101.175	ug/l	99
29) Tetrahydrofuran	5.013	42	449999	464.302	ug/l	99
30) Chloroform	5.092	83	336574	100.052	ug/l	98
31) Cyclohexane	5.458	56	247431	99.138	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	294454	104.159	ug/l	99
36) 1,1-Dichloropropene	5.684	75	212326	101.472	ug/l	98
37) Ethyl Acetate	4.714	43	266903	93.461	ug/l	99
38) Carbon Tetrachloride	5.672	117	246999	103.882	ug/l	100
39) Methylcyclohexane	7.373	83	272092	101.398	ug/l	98
40) Benzene	6.031	78	707594	101.161	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	143117	99.633	ug/l	96
42) 1,2-Dichloroethane	6.086	62	259548	100.874	ug/l	100
43) Isopropyl Acetate	6.342	43	448588	99.301	ug/l	99
44) Trichloroethene	7.123	130	180958	109.118	ug/l	96
45) 1,2-Dichloropropane	7.427	63	176748	103.475	ug/l	99
46) Dibromomethane	7.580	93	138874	105.836	ug/l	99
47) Bromodichloromethane	7.818	83	262652	112.832	ug/l	97
48) Methyl methacrylate	7.696	41	218800	103.744	ug/l	99
49) 1,4-Dioxane	7.677	88	102152	1885.231	ug/l	99
51) 4-Methyl-2-Pentanone	8.580	43	1374233	480.107	ug/l	99
52) Toluene	8.714	92	441311	102.334	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	279431	118.617	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	297464	114.982	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	183182	100.657	ug/l	99
56) Ethyl methacrylate	9.116	69	312479	106.248	ug/l	96
57) 1,3-Dichloropropane	9.305	76	305650	101.720	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	741765	512.729	ug/l	98
59) 2-Hexanone	9.433	43	1039956	480.496	ug/l	98
60) Dibromochloromethane	9.518	129	205615	120.749	ug/l	99
61) 1,2-Dibromoethane	9.610	107	196009	106.844	ug/l	97
64) Tetrachloroethene	9.269	164	142187	98.420	ug/l	99
65) Chlorobenzene	10.079	112	498984	103.935	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	175902	108.478	ug/l	99
67) Ethyl Benzene	10.195	91	828264	103.708	ug/l	100
68) m/p-Xylenes	10.299	106	638308	210.954	ug/l	97
69) o-Xylene	10.640	106	322030	103.533	ug/l	98
70) Styrene	10.652	104	548708	108.997	ug/l	99
71) Bromoform	10.799	173	140298	128.340	ug/l #	99
73) Isopropylbenzene	10.963	105	796019	99.313	ug/l	100
74) N-amyl acetate	10.841	43	398918	98.808	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	286258	93.228	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	233884m	89.719	ug/l	
77) Bromobenzene	11.195	156	206774	101.054	ug/l	99
78) n-propylbenzene	11.305	91	894162	104.676	ug/l	99
79) 2-Chlorotoluene	11.366	91	560554	97.800	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	669305	100.572	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	100171	117.256	ug/l	90
82) 4-Chlorotoluene	11.451	91	647524	102.085	ug/l	98
83) tert-Butylbenzene	11.713	119	688015	101.376	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	684269	100.532	ug/l	99
85) sec-Butylbenzene	11.890	105	808247	102.828	ug/l	98
86) p-Isopropyltoluene	12.006	119	703703	108.063	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	370986	101.044	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	371529	100.386	ug/l	99
89) n-Butylbenzene	12.329	91	602601	114.147	ug/l	99
90) Hexachloroethane	12.536	117	125658	119.283	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	375640	99.223	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	65340	100.012	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	246552	111.215	ug/l	100
94) Hexachlorobutadiene	13.725	225	87749	111.843	ug/l	98
95) Naphthalene	13.774	128	948508	104.267	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	256915	110.764	ug/l	100

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

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